Appendix B

Air Quality and Greenhouse Gas Emissions Technical Data

Long Beach Civic Center

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	575.79	1000sqft	3.78	575,793.00	0
Library	92.00	1000sqft	1.73	92,000.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.00	8,000.00	0
Hotel	200.00	Room	0.00	290,400.00	0
Condo/Townhouse High Rise	200.00	Dwelling Unit	0.90	235,000.00	572
Condo/Townhouse High Rise	580.00	Dwelling Unit	6.29	650,000.00	1659
Regional Shopping Center	32.00	1000sqft	0.00	32,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

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tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52

tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93

tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95
tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28

tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35
tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18

tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10

tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40

tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06

tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.2300e-004	5.1800e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003

tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48

tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004

tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.53	1.30
tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003

tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004

tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003
tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004

tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21

tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
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tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003

tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06
tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10

tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08

tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40

tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85
tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004

tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35
tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003

tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24

tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52
tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68

tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88
tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17

tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004

tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	39.00	0.00
tblWoodstoves	NumberNoncatalytic	39.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	1.5611	15.8757	14.8099	0.0272	1.9419	0.6454	2.5873	0.7364	0.5966	1.3331	0.0000	2,393.7998	2,393.7998	0.2977	0.0000	2,400.0506
2017	3.4369	13.1616	20.2302	0.0421	3.1264	0.5456	3.6720	1.0755	0.5073	1.5828	0.0000	3,417.9267	3,417.9267	0.2895	0.0000	3,424.0070
2018	3.5586	7.8104	15.8436	0.0363	2.0890	0.2949	2.3838	0.5604	0.2761	0.8365	0.0000	2,815.3216	2,815.3216	0.1752	0.0000	2,819.0002
2019	4.9317	9.5482	12.8772	0.0282	1.4553	0.4010	1.8563	0.4375	0.3725	0.8100	0.0000	2,245.8493	2,245.8493	0.2662	0.0000	2,251.4394
2020	1.1824	10.9821	13.1074	0.0313	1.6706	0.4091	2.0797	0.5624	0.3787	0.9411	0.0000	2,513.0474	2,513.0474	0.2662	0.0000	2,518.6371
2021	3.5131	5.3166	13.0886	0.0350	2.0314	0.1863	2.2177	0.5452	0.1743	0.7195	0.0000	2,532.6288	2,532.6288	0.1435	0.0000	2,535.6425
2022	4.5664	1.3805	3.3252	8.8400e-003	0.4973	0.0570	0.5542	0.1330	0.0533	0.1862	0.0000	633.8594	633.8594	0.0567	0.0000	635.0502
Total	**22.7502**	**64.0752**	**93.2821**	**0.2089**	**12.8119**	**2.5391**	**15.3510**	**4.0504**	**2.3587**	**6.4091**	**0.0000**	**16,552.4331**	**16,552.4331**	**1.4949**	**0.0000**	**16,583.8267**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.6365	5.0246	12.7082	0.0272	1.3521	0.0711	1.4233	0.4599	0.0656	0.5255	0.0000	2,393.7988	2,393.7988	0.2977	0.0000	2,400.0495
2017	2.7232	5.8648	19.9582	0.0421	2.6493	0.0856	2.7349	0.8160	0.0789	0.8949	0.0000	3,417.9258	3,417.9258	0.2895	0.0000	3,424.0061
2018	3.2066	4.5994	15.8786	0.0363	2.0890	0.0708	2.1597	0.5604	0.0653	0.6257	0.0000	2,815.3212	2,815.3212	0.1752	0.0000	2,818.9997
2019	4.3658	3.2736	12.6325	0.0282	1.3056	0.0498	1.3554	0.3714	0.0460	0.4174	0.0000	2,245.8484	2,245.8484	0.2662	0.0000	2,251.4384
2020	0.6225	4.6308	12.4834	0.0313	1.3322	0.0795	1.4117	0.4096	0.0734	0.4830	0.0000	2,513.0465	2,513.0465	0.2662	0.0000	2,518.6362
2021	3.3003	3.2830	13.2033	0.0350	2.0314	0.0583	2.0898	0.5452	0.0538	0.5990	0.0000	2,532.6285	2,532.6285	0.1435	0.0000	2,535.6421
2022	4.4905	0.5937	3.4626	8.8400e-003	0.4973	0.0108	0.5080	0.1330	9.9500e-003	0.1429	0.0000	633.8593	633.8593	0.0567	0.0000	635.0500
Total	**19.3455**	**27.2699**	**90.3267**	**0.2089**	**11.2568**	**0.4259**	**11.6827**	**3.2953**	**0.3930**	**3.6883**	**0.0000**	**16,552.4283**	**16,552.4283**	**1.4949**	**0.0000**	**16,583.8220**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**14.97**	**57.44**	**3.17**	**0.00**	**12.14**	**83.23**	**23.90**	**18.64**	**83.34**	**42.45**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	11.7277	0.0936	8.1014	4.3000e-004		0.0445	0.0445		0.0445	0.0445	0.0000	13.1990	13.1990	0.0130	0.0000	13.4714
Energy	0.1534	1.3613	0.9289	8.3700e-003		0.1060	0.1060		0.1060	0.1060	0.0000	7,308.5748	7,308.5748	0.2953	0.0829	7,340.4744
Mobile	8.1561	20.5618	87.1250	0.2799	18.8700	0.3768	19.2468	5.0503	0.3476	5.3980	0.0000	19,227.3768	19,227.3768	0.6474	0.0000	19,240.9722
Waste						0.0000	0.0000		0.0000	0.0000	804.6745	0.0000	804.6745	47.5549	0.0000	1,803.3273
Water						0.0000	0.0000		0.0000	0.0000	56.4575	1,021.0818	1,077.5393	5.8457	0.1466	1,245.7540
Total	**20.0372**	**22.0168**	**96.1553**	**0.2887**	**18.8700**	**0.5273**	**19.3973**	**5.0503**	**0.4981**	**5.5484**	**861.1320**	**27,570.2323**	**28,431.3642**	**54.3562**	**0.2295**	**29,643.9992**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	11.1155	0.0837	7.1245	3.5000e-004		0.0388	0.0388		0.0388	0.0388	0.0000	11.2127	11.2127	9.8600e-003	0.0000	11.4198
Energy	0.1288	1.1429	0.7796	7.0200e-003		0.0890	0.0890		0.0890	0.0890	0.0000	4,318.5119	4,318.5119	0.1644	0.0523	4,338.1810
Mobile	7.3592	14.8803	67.5822	0.1886	12.5192	0.2596	12.7789	3.3506	0.2396	3.5902	0.0000	12,957.7687	12,957.7687	0.4483	0.0000	12,967.1832
Waste						0.0000	0.0000		0.0000	0.0000	804.6745	0.0000	804.6745	47.5549	0.0000	1,803.3273
Water						0.0000	0.0000		0.0000	0.0000	45.1660	866.6250	911.7910	4.6780	0.1176	1,046.4854
Total	**18.6035**	**16.1070**	**75.4862**	**0.1960**	**12.5192**	**0.3874**	**12.9066**	**3.3506**	**0.3673**	**3.7179**	**849.8405**	**18,154.1182**	**19,003.9587**	**52.8554**	**0.1699**	**20,166.5966**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.16**	**26.84**	**21.50**	**32.10**	**33.66**	**26.53**	**33.46**	**33.66**	**26.26**	**32.99**	**1.31**	**34.15**	**33.16**	**2.76**	**25.97**	**31.97**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 475,875; Residential Outdoor: 158,625; Non-Residential Indoor: 150,000; Non-Residential Outdoor: 50,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38

Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29

Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2048	0.0000	0.2048	0.0310	0.0000	0.0310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1844	1.9632	1.5063	1.7200e-003		0.0986	0.0986		0.0919	0.0919	0.0000	159.5187	159.5187	0.0434	0.0000	160.4296
Total	**0.1844**	**1.9632**	**1.5063**	**1.7200e-003**	**0.2048**	**0.0986**	**0.3033**	**0.0310**	**0.0919**	**0.1229**	**0.0000**	**159.5187**	**159.5187**	**0.0434**	**0.0000**	**160.4296**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0168	0.2733	0.2066	7.0000e-004	0.0162	4.1200e-003	0.0203	4.4500e-003	3.7900e-003	8.2400e-003	0.0000	63.7134	63.7134	4.6000e-004	0.0000	63.7229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	3.8100e-003	0.0396	9.0000e-005	7.0800e-003	6.0000e-005	7.1400e-003	1.8800e-003	6.0000e-005	1.9300e-003	0.0000	6.6298	6.6298	3.6000e-004	0.0000	6.6373
Total	**0.0194**	**0.2771**	**0.2462**	**7.9000e-004**	**0.0233**	**4.1800e-003**	**0.0275**	**6.3300e-003**	**3.8500e-003**	**0.0102**	**0.0000**	**70.3431**	**70.3431**	**8.2000e-004**	**0.0000**	**70.3602**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0921	0.0000	0.0921	0.0140	0.0000	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.0883	1.0245	1.7200e-003		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	159.5185	159.5185	0.0434	0.0000	160.4295
Total	**0.0204**	**0.0883**	**1.0245**	**1.7200e-003**	**0.0921**	**4.1000e-004**	**0.0926**	**0.0140**	**4.1000e-004**	**0.0144**	**0.0000**	**159.5185**	**159.5185**	**0.0434**	**0.0000**	**160.4295**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0168	0.2733	0.2066	7.0000e-004	0.0162	4.1200e-003	0.0203	4.4500e-003	3.7900e-003	8.2400e-003	0.0000	63.7134	63.7134	4.6000e-004	0.0000	63.7229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	3.8100e-003	0.0396	9.0000e-005	7.0800e-003	6.0000e-005	7.1400e-003	1.8800e-003	6.0000e-005	1.9300e-003	0.0000	6.6298	6.6298	3.6000e-004	0.0000	6.6373
Total	**0.0194**	**0.2771**	**0.2462**	**7.9000e-004**	**0.0233**	**4.1800e-003**	**0.0275**	**6.3300e-003**	**3.8500e-003**	**0.0102**	**0.0000**	**70.3431**	**70.3431**	**8.2000e-004**	**0.0000**	**70.3602**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8675	0.0000	0.8675	0.4718	0.0000	0.4718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7095	8.1921	5.3806	6.7600e-003		0.3925	0.3925		0.3611	0.3611	0.0000	637.2432	637.2432	0.1922	0.0000	641.2797
Total	**0.7095**	**8.1921**	**5.3806**	**6.7600e-003**	**0.8675**	**0.3925**	**1.2600**	**0.4718**	**0.3611**	**0.8329**	**0.0000**	**637.2432**	**637.2432**	**0.1922**	**0.0000**	**641.2797**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1544	2.5065	1.8945	6.3900e-003	0.1820	0.0378	0.2198	0.0490	0.0348	0.0837	0.0000	584.2754	584.2754	4.1800e-003	0.0000	584.3632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-003	0.0129	0.1344	3.0000e-004	0.0240	2.0000e-004	0.0242	6.3800e-003	1.9000e-004	6.5700e-003	0.0000	22.5105	22.5105	1.2100e-003	0.0000	22.5359
Total	**0.1632**	**2.5194**	**2.0289**	**6.6900e-003**	**0.2061**	**0.0380**	**0.2441**	**0.0554**	**0.0350**	**0.0903**	**0.0000**	**606.7859**	**606.7859**	**5.3900e-003**	**0.0000**	**606.8991**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3904	0.0000	0.3904	0.2123	0.0000	0.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0828	0.3589	3.8083	6.7600e-003		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	637.2424	637.2424	0.1922	0.0000	641.2790
Total	**0.0828**	**0.3589**	**3.8083**	**6.7600e-003**	**0.3904**	**1.6600e-003**	**0.3921**	**0.2123**	**1.6600e-003**	**0.2140**	**0.0000**	**637.2424**	**637.2424**	**0.1922**	**0.0000**	**641.2790**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1544	2.5065	1.8945	6.3900e-003	0.1820	0.0378	0.2198	0.0490	0.0348	0.0837	0.0000	584.2754	584.2754	4.1800e-003	0.0000	584.3632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-003	0.0129	0.1344	3.0000e-004	0.0240	2.0000e-004	0.0242	6.3800e-003	1.9000e-004	6.5700e-003	0.0000	22.5105	22.5105	1.2100e-003	0.0000	22.5359
Total	**0.1632**	**2.5194**	**2.0289**	**6.6900e-003**	**0.2061**	**0.0380**	**0.2441**	**0.0554**	**0.0350**	**0.0903**	**0.0000**	**606.7859**	**606.7859**	**5.3900e-003**	**0.0000**	**606.8991**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8675	0.0000	0.8675	0.4718	0.0000	0.4718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1982	2.2617	1.5212	2.0100e-003		0.1078	0.1078		0.0992	0.0992	0.0000	186.1402	186.1402	0.0570	0.0000	187.3379
Total	**0.1982**	**2.2617**	**1.5212**	**2.0100e-003**	**0.8675**	**0.1078**	**0.9754**	**0.4718**	**0.0992**	**0.5710**	**0.0000**	**186.1402**	**186.1402**	**0.0570**	**0.0000**	**187.3379**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0432	0.6818	0.5421	1.9000e-003	0.1564	0.0103	0.1667	0.0397	9.4300e-003	0.0491	0.0000	170.5682	170.5682	1.2100e-003	0.0000	170.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	3.4600e-003	0.0360	9.0000e-005	7.1300e-003	6.0000e-005	7.1900e-003	1.8900e-003	5.0000e-005	1.9500e-003	0.0000	6.4247	6.4247	3.3000e-004	0.0000	6.4316
Total	**0.0455**	**0.6853**	**0.5781**	**1.9900e-003**	**0.1635**	**0.0103**	**0.1739**	**0.0416**	**9.4800e-003**	**0.0510**	**0.0000**	**176.9928**	**176.9928**	**1.5400e-003**	**0.0000**	**177.0253**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3904	0.0000	0.3904	0.2123	0.0000	0.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0246	0.1065	1.1303	2.0100e-003		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	186.1400	186.1400	0.0570	0.0000	187.3377
Total	**0.0246**	**0.1065**	**1.1303**	**2.0100e-003**	**0.3904**	**4.9000e-004**	**0.3909**	**0.2123**	**4.9000e-004**	**0.2128**	**0.0000**	**186.1400**	**186.1400**	**0.0570**	**0.0000**	**187.3377**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0432	0.6818	0.5421	1.9000e-003	0.1564	0.0103	0.1667	0.0397	9.4300e-003	0.0491	0.0000	170.5682	170.5682	1.2100e-003	0.0000	170.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	3.4600e-003	0.0360	9.0000e-005	7.1300e-003	6.0000e-005	7.1900e-003	1.8900e-003	5.0000e-005	1.9500e-003	0.0000	6.4247	6.4247	3.3000e-004	0.0000	6.4316
Total	**0.0455**	**0.6853**	**0.5781**	**1.9900e-003**	**0.1635**	**0.0103**	**0.1739**	**0.0416**	**9.4800e-003**	**0.0510**	**0.0000**	**176.9928**	**176.9928**	**1.5400e-003**	**0.0000**	**177.0253**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	1.2400	0.8050	1.1700e-003		0.0856	0.0856		0.0804	0.0804	0.0000	105.3368	105.3368	0.0261	0.0000	105.8854
Total	**0.1482**	**1.2400**	**0.8050**	**1.1700e-003**		**0.0856**	**0.0856**		**0.0804**	**0.0804**	**0.0000**	**105.3368**	**105.3368**	**0.0261**	**0.0000**	**105.8854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1366	1.3903	1.7922	3.3400e-003	0.0948	0.0220	0.1167	0.0270	0.0202	0.0473	0.0000	303.5079	303.5079	2.2000e-003	0.0000	303.5541
Worker	0.1999	0.2936	3.0508	6.7000e-003	0.5455	4.6400e-003	0.5501	0.1449	4.2700e-003	0.1491	0.0000	511.0643	511.0643	0.0275	0.0000	511.6424
Total	**0.3365**	**1.6839**	**4.8430**	**0.0100**	**0.6403**	**0.0266**	**0.6669**	**0.1719**	**0.0245**	**0.1964**	**0.0000**	**814.5722**	**814.5722**	**0.0297**	**0.0000**	**815.1965**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.0970	0.7574	1.1700e-003		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	105.3367	105.3367	0.0261	0.0000	105.8853
Total	**0.0142**	**0.0970**	**0.7574**	**1.1700e-003**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**105.3367**	**105.3367**	**0.0261**	**0.0000**	**105.8853**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1366	1.3903	1.7922	3.3400e-003	0.0948	0.0220	0.1167	0.0270	0.0202	0.0473	0.0000	303.5079	303.5079	2.2000e-003	0.0000	303.5541
Worker	0.1999	0.2936	3.0508	6.7000e-003	0.5455	4.6400e-003	0.5501	0.1449	4.2700e-003	0.1491	0.0000	511.0643	511.0643	0.0275	0.0000	511.6424
Total	**0.3365**	**1.6839**	**4.8430**	**0.0100**	**0.6403**	**0.0266**	**0.6669**	**0.1719**	**0.0245**	**0.1964**	**0.0000**	**814.5722**	**814.5722**	**0.0297**	**0.0000**	**815.1965**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	**0.4033**	**3.4327**	**2.3568**	**3.4900e-003**		**0.2316**	**0.2316**		**0.2175**	**0.2175**	**0.0000**	**311.3228**	**311.3228**	**0.0766**	**0.0000**	**312.9319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3732	3.7785	5.0754	9.9700e-003	0.2833	0.0586	0.3419	0.0809	0.0539	0.1348	0.0000	892.3358	892.3358	6.3600e-003	0.0000	892.4694
Worker	0.5348	0.7920	8.2224	0.0200	1.6302	0.0134	1.6436	0.4330	0.0123	0.4453	0.0000	1,468.6789	1,468.6789	0.0759	0.0000	1,470.2729
Total	**0.9080**	**4.5704**	**13.2978**	**0.0300**	**1.9135**	**0.0720**	**1.9854**	**0.5138**	**0.0662**	**0.5800**	**0.0000**	**2,361.0146**	**2,361.0146**	**0.0823**	**0.0000**	**2,362.7423**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0424	0.2898	2.2634	3.4900e-003		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315
Total	**0.0424**	**0.2898**	**2.2634**	**3.4900e-003**		**7.9000e-004**	**7.9000e-004**		**7.9000e-004**	**7.9000e-004**	**0.0000**	**311.3225**	**311.3225**	**0.0766**	**0.0000**	**312.9315**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3732	3.7785	5.0754	9.9700e-003	0.2833	0.0586	0.3419	0.0809	0.0539	0.1348	0.0000	892.3358	892.3358	6.3600e-003	0.0000	892.4694
Worker	0.5348	0.7920	8.2224	0.0200	1.6302	0.0134	1.6436	0.4330	0.0123	0.4453	0.0000	1,468.6789	1,468.6789	0.0759	0.0000	1,470.2729
Total	**0.9080**	**4.5704**	**13.2978**	**0.0300**	**1.9135**	**0.0720**	**1.9854**	**0.5138**	**0.0662**	**0.5800**	**0.0000**	**2,361.0146**	**2,361.0146**	**0.0823**	**0.0000**	**2,362.7423**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9844**	**308.9844**	**0.0756**	**0.0000**	**310.5723**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3504	3.4794	4.8810	0.0100	0.2844	0.0554	0.3398	0.0812	0.0510	0.1322	0.0000	880.7298	880.7298	6.3500e-003	0.0000	880.8631
Worker	0.4821	0.7211	7.4737	0.0201	1.6365	0.0131	1.6496	0.4346	0.0121	0.4467	0.0000	1,419.2991	1,419.2991	0.0707	0.0000	1,420.7842
Total	**0.8325**	**4.2004**	**12.3548**	**0.0301**	**1.9209**	**0.0685**	**1.9893**	**0.5158**	**0.0631**	**0.5789**	**0.0000**	**2,300.0289**	**2,300.0289**	**0.0771**	**0.0000**	**2,301.6473**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	**0.0426**	**0.2909**	**2.2721**	**3.5000e-003**		**7.9000e-004**	**7.9000e-004**		**7.9000e-004**	**7.9000e-004**	**0.0000**	**308.9841**	**308.9841**	**0.0756**	**0.0000**	**310.5720**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3504	3.4794	4.8810	0.0100	0.2844	0.0554	0.3398	0.0812	0.0510	0.1322	0.0000	880.7298	880.7298	6.3500e-003	0.0000	880.8631
Worker	0.4821	0.7211	7.4737	0.0201	1.6365	0.0131	1.6496	0.4346	0.0121	0.4467	0.0000	1,419.2991	1,419.2991	0.0707	0.0000	1,420.7842
Total	**0.8325**	**4.2004**	**12.3548**	**0.0301**	**1.9209**	**0.0685**	**1.9893**	**0.5158**	**0.0631**	**0.5789**	**0.0000**	**2,300.0289**	**2,300.0289**	**0.0771**	**0.0000**	**2,301.6473**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1011	0.9015	0.7362	1.1500e-003		0.0553	0.0553		0.0520	0.0520	0.0000	100.6728	100.6728	0.0245	0.0000	101.1872
Total	**0.1011**	**0.9015**	**0.7362**	**1.1500e-003**		**0.0553**	**0.0553**		**0.0520**	**0.0520**	**0.0000**	**100.6728**	**100.6728**	**0.0245**	**0.0000**	**101.1872**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1092	1.0567	1.5537	3.2800e-003	0.0937	0.0173	0.1110	0.0268	0.0160	0.0427	0.0000	284.5598	284.5598	2.0500e-003	0.0000	284.6029
Worker	0.1459	0.2179	2.2582	6.6000e-003	0.5392	4.2200e-003	0.5435	0.1432	3.9200e-003	0.1471	0.0000	449.8642	449.8642	0.0218	0.0000	450.3222
Total	**0.2551**	**1.2746**	**3.8119**	**9.8800e-003**	**0.6329**	**0.0216**	**0.6545**	**0.1700**	**0.0199**	**0.1898**	**0.0000**	**734.4240**	**734.4240**	**0.0239**	**0.0000**	**734.9252**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0140	0.0958	0.7487	1.1500e-003		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	100.6727	100.6727	0.0245	0.0000	101.1871
Total	**0.0140**	**0.0958**	**0.7487**	**1.1500e-003**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**100.6727**	**100.6727**	**0.0245**	**0.0000**	**101.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1092	1.0567	1.5537	3.2800e-003	0.0937	0.0173	0.1110	0.0268	0.0160	0.0427	0.0000	284.5598	284.5598	2.0500e-003	0.0000	284.6029
Worker	0.1459	0.2179	2.2582	6.6000e-003	0.5392	4.2200e-003	0.5435	0.1432	3.9200e-003	0.1471	0.0000	449.8642	449.8642	0.0218	0.0000	450.3222
Total	**0.2551**	**1.2746**	**3.8119**	**9.8800e-003**	**0.6329**	**0.0216**	**0.6545**	**0.1700**	**0.0199**	**0.1898**	**0.0000**	**734.4240**	**734.4240**	**0.0239**	**0.0000**	**734.9252**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1860	1.9789	1.4359	2.1700e-003		0.1110	0.1110		0.1021	0.1021	0.0000	201.7608	201.7608	0.0618	0.0000	203.0590
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1860**	**1.9789**	**1.4359**	**2.1700e-003**		**0.1110**	**0.1110**		**0.1021**	**0.1021**	**0.0000**	**201.7608**	**201.7608**	**0.0618**	**0.0000**	**203.0590**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2600e-003	7.7900e-003	0.0809	2.0000e-004	0.0161	1.3000e-004	0.0162	4.2600e-003	1.2000e-004	4.3800e-003	0.0000	14.4555	14.4555	7.5000e-004	0.0000	14.4712
Total	**5.2600e-003**	**7.7900e-003**	**0.0809**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0162**	**4.2600e-003**	**1.2000e-004**	**4.3800e-003**	**0.0000**	**14.4555**	**14.4555**	**7.5000e-004**	**0.0000**	**14.4712**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0268	0.1160	1.6504	2.1700e-003		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	201.7606	201.7606	0.0618	0.0000	203.0588
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0268**	**0.1160**	**1.6504**	**2.1700e-003**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**201.7606**	**201.7606**	**0.0618**	**0.0000**	**203.0588**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2600e-003	7.7900e-003	0.0809	2.0000e-004	0.0161	1.3000e-004	0.0162	4.2600e-003	1.2000e-004	4.3800e-003	0.0000	14.4555	14.4555	7.5000e-004	0.0000	14.4712
Total	**5.2600e-003**	**7.7900e-003**	**0.0809**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0162**	**4.2600e-003**	**1.2000e-004**	**4.3800e-003**	**0.0000**	**14.4555**	**14.4555**	**7.5000e-004**	**0.0000**	**14.4712**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6143					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0219	0.1442	0.1233	2.0000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	16.8515	16.8515	1.7800e-003	0.0000	16.8888
Total	**1.6362**	**0.1442**	**0.1233**	**2.0000e-004**		**0.0114**	**0.0114**		**0.0114**	**0.0114**	**0.0000**	**16.8515**	**16.8515**	**1.7800e-003**	**0.0000**	**16.8888**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0806	0.8364	2.0400e-003	0.1658	1.3600e-003	0.1672	0.0440	1.2500e-003	0.0453	0.0000	149.3883	149.3883	7.7200e-003	0.0000	149.5505
Total	**0.0544**	**0.0806**	**0.8364**	**2.0400e-003**	**0.1658**	**1.3600e-003**	**0.1672**	**0.0440**	**1.2500e-003**	**0.0453**	**0.0000**	**149.3883**	**149.3883**	**7.7200e-003**	**0.0000**	**149.5505**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6143					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9600e-003	8.5000e-003	0.1209	2.0000e-004		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	16.8515	16.8515	1.7800e-003	0.0000	16.8888
Total	**1.6162**	**8.5000e-003**	**0.1209**	**2.0000e-004**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**16.8515**	**16.8515**	**1.7800e-003**	**0.0000**	**16.8888**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0806	0.8364	2.0400e-003	0.1658	1.3600e-003	0.1672	0.0440	1.2500e-003	0.0453	0.0000	149.3883	149.3883	7.7200e-003	0.0000	149.5505
Total	**0.0544**	**0.0806**	**0.8364**	**2.0400e-003**	**0.1658**	**1.3600e-003**	**0.1672**	**0.0440**	**1.2500e-003**	**0.0453**	**0.0000**	**149.3883**	**149.3883**	**7.7200e-003**	**0.0000**	**149.5505**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2741					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0196	0.1314	0.1215	1.9000e-004		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	16.7238	16.7238	1.5900e-003	0.0000	16.7572
Total	**2.2936**	**0.1314**	**0.1215**	**1.9000e-004**		**9.8600e-003**	**9.8600e-003**		**9.8600e-003**	**9.8600e-003**	**0.0000**	**16.7238**	**16.7238**	**1.5900e-003**	**0.0000**	**16.7572**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0485	0.0725	0.7516	2.0200e-003	0.1646	1.3100e-003	0.1659	0.0437	1.2100e-003	0.0449	0.0000	142.7230	142.7230	7.1100e-003	0.0000	142.8723
Total	**0.0485**	**0.0725**	**0.7516**	**2.0200e-003**	**0.1646**	**1.3100e-003**	**0.1659**	**0.0437**	**1.2100e-003**	**0.0449**	**0.0000**	**142.7230**	**142.7230**	**7.1100e-003**	**0.0000**	**142.8723**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2741					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9500e-003	8.4300e-003	0.1200	1.9000e-004		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	16.7238	16.7238	1.5900e-003	0.0000	16.7572
Total	**2.2760**	**8.4300e-003**	**0.1200**	**1.9000e-004**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**16.7238**	**16.7238**	**1.5900e-003**	**0.0000**	**16.7572**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0485	0.0725	0.7516	2.0200e-003	0.1646	1.3100e-003	0.1659	0.0437	1.2100e-003	0.0449	0.0000	142.7230	142.7230	7.1100e-003	0.0000	142.8723
Total	**0.0485**	**0.0725**	**0.7516**	**2.0200e-003**	**0.1646**	**1.3100e-003**	**0.1659**	**0.0437**	**1.2100e-003**	**0.0449**	**0.0000**	**142.7230**	**142.7230**	**7.1100e-003**	**0.0000**	**142.8723**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.7843					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0290	0.2001	0.2007	3.2000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	27.8305	27.8305	2.3500e-003	0.0000	27.8798
Total	**3.8134**	**0.2001**	**0.2007**	**3.2000e-004**		**0.0140**	**0.0140**		**0.0140**	**0.0140**	**0.0000**	**27.8305**	**27.8305**	**2.3500e-003**	**0.0000**	**27.8798**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.1107	1.1469	3.3500e-003	0.2739	2.1500e-003	0.2760	0.0727	1.9900e-003	0.0747	0.0000	228.4697	228.4697	0.0111	0.0000	228.7024
Total	**0.0741**	**0.1107**	**1.1469**	**3.3500e-003**	**0.2739**	**2.1500e-003**	**0.2760**	**0.0727**	**1.9900e-003**	**0.0747**	**0.0000**	**228.4697**	**228.4697**	**0.0111**	**0.0000**	**228.7024**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.7843					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2400e-003	0.0140	0.1997	3.2000e-004		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	27.8304	27.8304	2.3500e-003	0.0000	27.8798
Total	**3.7876**	**0.0140**	**0.1997**	**3.2000e-004**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**27.8304**	**27.8304**	**2.3500e-003**	**0.0000**	**27.8798**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.1107	1.1469	3.3500e-003	0.2739	2.1500e-003	0.2760	0.0727	1.9900e-003	0.0747	0.0000	228.4697	228.4697	0.0111	0.0000	228.7024
Total	**0.0741**	**0.1107**	**1.1469**	**3.3500e-003**	**0.2739**	**2.1500e-003**	**0.2760**	**0.0727**	**1.9900e-003**	**0.0747**	**0.0000**	**228.4697**	**228.4697**	**0.0111**	**0.0000**	**228.7024**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0347	0.3690	0.3116	4.8000e-004		0.0202	0.0202		0.0186	0.0186	0.0000	43.7928	43.7928	0.0136	0.0000	44.0791
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0347**	**0.3690**	**0.3116**	**4.8000e-004**		**0.0202**	**0.0202**		**0.0186**	**0.0186**	**0.0000**	**43.7928**	**43.7928**	**0.0136**	**0.0000**	**44.0791**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	1.5600e-003	0.0162	4.0000e-005	3.5400e-003	3.0000e-005	3.5700e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.0687	3.0687	1.5000e-004	0.0000	3.0719
Total	**1.0400e-003**	**1.5600e-003**	**0.0162**	**4.0000e-005**	**3.5400e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.0687**	**3.0687**	**1.5000e-004**	**0.0000**	**3.0719**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.9000e-003	0.0256	0.3639	4.8000e-004		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	43.7927	43.7927	0.0136	0.0000	44.0790
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.9000e-003**	**0.0256**	**0.3639**	**4.8000e-004**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**43.7927**	**43.7927**	**0.0136**	**0.0000**	**44.0790**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	1.5600e-003	0.0162	4.0000e-005	3.5400e-003	3.0000e-005	3.5700e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.0687	3.0687	1.5000e-004	0.0000	3.0719
Total	**1.0400e-003**	**1.5600e-003**	**0.0162**	**4.0000e-005**	**3.5400e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.0687**	**3.0687**	**1.5000e-004**	**0.0000**	**3.0719**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1704	1.7848	1.7166	2.6700e-003		0.0967	0.0967		0.0890	0.0890	0.0000	239.4716	239.4716	0.0758	0.0000	241.0627
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1704**	**1.7848**	**1.7166**	**2.6700e-003**		**0.0967**	**0.0967**		**0.0890**	**0.0890**	**0.0000**	**239.4716**	**239.4716**	**0.0758**	**0.0000**	**241.0627**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	7.9500e-003	0.0824	2.4000e-004	0.0197	1.5000e-004	0.0198	5.2200e-003	1.4000e-004	5.3700e-003	0.0000	16.4069	16.4069	8.0000e-004	0.0000	16.4236
Total	**5.3200e-003**	**7.9500e-003**	**0.0824**	**2.4000e-004**	**0.0197**	**1.5000e-004**	**0.0198**	**5.2200e-003**	**1.4000e-004**	**5.3700e-003**	**0.0000**	**16.4069**	**16.4069**	**8.0000e-004**	**0.0000**	**16.4236**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0328	0.1422	2.0229	2.6700e-003		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	239.4714	239.4714	0.0758	0.0000	241.0624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0328**	**0.1422**	**2.0229**	**2.6700e-003**		**6.6000e-004**	**6.6000e-004**		**6.6000e-004**	**6.6000e-004**	**0.0000**	**239.4714**	**239.4714**	**0.0758**	**0.0000**	**241.0624**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	7.9500e-003	0.0824	2.4000e-004	0.0197	1.5000e-004	0.0198	5.2200e-003	1.4000e-004	5.3700e-003	0.0000	16.4069	16.4069	8.0000e-004	0.0000	16.4236
Total	**5.3200e-003**	**7.9500e-003**	**0.0824**	**2.4000e-004**	**0.0197**	**1.5000e-004**	**0.0198**	**5.2200e-003**	**1.4000e-004**	**5.3700e-003**	**0.0000**	**16.4069**	**16.4069**	**8.0000e-004**	**0.0000**	**16.4236**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0679	0.0000	0.0679	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1827	1.8668	1.6943	2.2000e-003		0.0905	0.0905		0.0842	0.0842	0.0000	196.0497	196.0497	0.0548	0.0000	197.1995
Total	**0.1827**	**1.8668**	**1.6943**	**2.2000e-003**	**0.0679**	**0.0905**	**0.1584**	**0.0103**	**0.0842**	**0.0945**	**0.0000**	**196.0497**	**196.0497**	**0.0548**	**0.0000**	**197.1995**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9900e-003	0.0721	0.0636	2.3000e-004	5.3900e-003	1.2500e-003	6.6300e-003	1.4800e-003	1.1500e-003	2.6300e-003	0.0000	20.0584	20.0584	1.5000e-004	0.0000	20.0615
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4500e-003	3.6600e-003	0.0379	1.1000e-004	9.0500e-003	7.0000e-005	9.1200e-003	2.4000e-003	7.0000e-005	2.4700e-003	0.0000	7.5513	7.5513	3.7000e-004	0.0000	7.5590
Total	**7.4400e-003**	**0.0757**	**0.1015**	**3.4000e-004**	**0.0144**	**1.3200e-003**	**0.0158**	**3.8800e-003**	**1.2200e-003**	**5.1000e-003**	**0.0000**	**27.6097**	**27.6097**	**5.2000e-004**	**0.0000**	**27.6205**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0306	0.0000	0.0306	4.6300e-003	0.0000	4.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0261	0.1129	1.3104	2.2000e-003		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	196.0495	196.0495	0.0548	0.0000	197.1993
Total	**0.0261**	**0.1129**	**1.3104**	**2.2000e-003**	**0.0306**	**5.2000e-004**	**0.0311**	**4.6300e-003**	**5.2000e-004**	**5.1500e-003**	**0.0000**	**196.0495**	**196.0495**	**0.0548**	**0.0000**	**197.1993**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9900e-003	0.0721	0.0636	2.3000e-004	5.3900e-003	1.2500e-003	6.6300e-003	1.4800e-003	1.1500e-003	2.6300e-003	0.0000	20.0584	20.0584	1.5000e-004	0.0000	20.0615
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4500e-003	3.6600e-003	0.0379	1.1000e-004	9.0500e-003	7.0000e-005	9.1200e-003	2.4000e-003	7.0000e-005	2.4700e-003	0.0000	7.5513	7.5513	3.7000e-004	0.0000	7.5590
Total	**7.4400e-003**	**0.0757**	**0.1015**	**3.4000e-004**	**0.0144**	**1.3200e-003**	**0.0158**	**3.8800e-003**	**1.2200e-003**	**5.1000e-003**	**0.0000**	**27.6097**	**27.6097**	**5.2000e-004**	**0.0000**	**27.6205**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2042	0.0000	0.2042	0.1100	0.0000	0.1100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1614	1.7885	1.3295	2.0400e-003		0.0827	0.0827		0.0761	0.0761	0.0000	182.9549	182.9549	0.0579	0.0000	184.1705
Total	**0.1614**	**1.7885**	**1.3295**	**2.0400e-003**	**0.2042**	**0.0827**	**0.2869**	**0.1100**	**0.0761**	**0.1861**	**0.0000**	**182.9549**	**182.9549**	**0.0579**	**0.0000**	**184.1705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0677	0.9781	0.8635	3.1200e-003	0.0731	0.0169	0.0900	0.0201	0.0156	0.0356	0.0000	272.2891	272.2891	2.0200e-003	0.0000	272.3316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9600e-003	2.9300e-003	0.0303	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.0410	6.0410	2.9000e-004	0.0000	6.0472
Total	**0.0697**	**0.9810**	**0.8938**	**3.2100e-003**	**0.0803**	**0.0170**	**0.0973**	**0.0220**	**0.0156**	**0.0376**	**0.0000**	**278.3302**	**278.3302**	**2.3100e-003**	**0.0000**	**278.3788**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0919	0.0000	0.0919	0.0495	0.0000	0.0495	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0250	0.1082	1.1477	2.0400e-003		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	182.9547	182.9547	0.0579	0.0000	184.1703
Total	**0.0250**	**0.1082**	**1.1477**	**2.0400e-003**	**0.0919**	**5.0000e-004**	**0.0924**	**0.0495**	**5.0000e-004**	**0.0500**	**0.0000**	**182.9547**	**182.9547**	**0.0579**	**0.0000**	**184.1703**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0677	0.9781	0.8635	3.1200e-003	0.0731	0.0169	0.0900	0.0201	0.0156	0.0356	0.0000	272.2891	272.2891	2.0200e-003	0.0000	272.3316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9600e-003	2.9300e-003	0.0303	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.0410	6.0410	2.9000e-004	0.0000	6.0472
Total	**0.0697**	**0.9810**	**0.8938**	**3.2100e-003**	**0.0803**	**0.0170**	**0.0973**	**0.0220**	**0.0156**	**0.0376**	**0.0000**	**278.3302**	**278.3302**	**2.3100e-003**	**0.0000**	**278.3788**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0259	0.2306	0.1883	2.9000e-004		0.0141	0.0141		0.0133	0.0133	0.0000	25.7535	25.7535	6.2700e-003	0.0000	25.8851
Total	**0.0259**	**0.2306**	**0.1883**	**2.9000e-004**		**0.0141**	**0.0141**		**0.0133**	**0.0133**	**0.0000**	**25.7535**	**25.7535**	**6.2700e-003**	**0.0000**	**25.8851**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	0.2703	0.3975	8.4000e-004	0.0240	4.4300e-003	0.0284	6.8400e-003	4.0800e-003	0.0109	0.0000	72.7944	72.7944	5.2000e-004	0.0000	72.8054
Worker	0.0373	0.0557	0.5777	1.6900e-003	0.1379	1.0800e-003	0.1390	0.0366	1.0000e-003	0.0376	0.0000	115.0815	115.0815	5.5800e-003	0.0000	115.1987
Total	**0.0652**	**0.3261**	**0.9751**	**2.5300e-003**	**0.1619**	**5.5100e-003**	**0.1674**	**0.0435**	**5.0800e-003**	**0.0486**	**0.0000**	**187.8759**	**187.8759**	**6.1000e-003**	**0.0000**	**188.0041**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5900e-003	0.0245	0.1915	2.9000e-004		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	25.7535	25.7535	6.2700e-003	0.0000	25.8851
Total	**3.5900e-003**	**0.0245**	**0.1915**	**2.9000e-004**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**25.7535**	**25.7535**	**6.2700e-003**	**0.0000**	**25.8851**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	0.2703	0.3975	8.4000e-004	0.0240	4.4300e-003	0.0284	6.8400e-003	4.0800e-003	0.0109	0.0000	72.7944	72.7944	5.2000e-004	0.0000	72.8054
Worker	0.0373	0.0557	0.5777	1.6900e-003	0.1379	1.0800e-003	0.1390	0.0366	1.0000e-003	0.0376	0.0000	115.0815	115.0815	5.5800e-003	0.0000	115.1987
Total	**0.0652**	**0.3261**	**0.9751**	**2.5300e-003**	**0.1619**	**5.5100e-003**	**0.1674**	**0.0435**	**5.0800e-003**	**0.0486**	**0.0000**	**187.8759**	**187.8759**	**6.1000e-003**	**0.0000**	**188.0041**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0686	0.6202	0.5463	8.7000e-004		0.0362	0.0362		0.0340	0.0340	0.0000	74.9612	74.9612	0.0183	0.0000	75.3447
Total	**0.0686**	**0.6202**	**0.5463**	**8.7000e-004**		**0.0362**	**0.0362**		**0.0340**	**0.0340**	**0.0000**	**74.9612**	**74.9612**	**0.0183**	**0.0000**	**75.3447**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0782	0.6967	1.1387	2.4800e-003	0.0708	0.0120	0.0828	0.0202	0.0110	0.0313	0.0000	210.2300	210.2300	1.5200e-003	0.0000	210.2618
Worker	0.1033	0.1526	1.5882	4.9900e-003	0.4076	3.1700e-003	0.4107	0.1082	2.9400e-003	0.1112	0.0000	326.2020	326.2020	0.0156	0.0000	326.5299
Total	**0.1815**	**0.8493**	**2.7269**	**7.4700e-003**	**0.4784**	**0.0152**	**0.4936**	**0.1285**	**0.0140**	**0.1424**	**0.0000**	**536.4320**	**536.4320**	**0.0171**	**0.0000**	**536.7918**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0106	0.0724	0.5659	8.7000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	74.9611	74.9611	0.0183	0.0000	75.3447
Total	**0.0106**	**0.0724**	**0.5659**	**8.7000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**74.9611**	**74.9611**	**0.0183**	**0.0000**	**75.3447**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0782	0.6967	1.1387	2.4800e-003	0.0708	0.0120	0.0828	0.0202	0.0110	0.0313	0.0000	210.2300	210.2300	1.5200e-003	0.0000	210.2618
Worker	0.1033	0.1526	1.5882	4.9900e-003	0.4076	3.1700e-003	0.4107	0.1082	2.9400e-003	0.1112	0.0000	326.2020	326.2020	0.0156	0.0000	326.5299
Total	**0.1815**	**0.8493**	**2.7269**	**7.4700e-003**	**0.4784**	**0.0152**	**0.4936**	**0.1285**	**0.0140**	**0.1424**	**0.0000**	**536.4320**	**536.4320**	**0.0171**	**0.0000**	**536.7918**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1393	0.0000	0.1393	0.0211	0.0000	0.0211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2013	2.0160	1.9247	2.6000e-003		0.0968	0.0968		0.0901	0.0901	0.0000	227.4441	227.4441	0.0645	0.0000	228.7980
Total	**0.2013**	**2.0160**	**1.9247**	**2.6000e-003**	**0.1393**	**0.0968**	**0.2361**	**0.0211**	**0.0901**	**0.1112**	**0.0000**	**227.4441**	**227.4441**	**0.0645**	**0.0000**	**228.7980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.1317	0.1287	4.7000e-004	0.0110	2.5300e-003	0.0136	3.0300e-003	2.3300e-003	5.3600e-003	0.0000	40.1810	40.1810	3.1000e-004	0.0000	40.1874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	4.0100e-003	0.0417	1.3000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	8.5617	8.5617	4.1000e-004	0.0000	8.5703
Total	**0.0127**	**0.1357**	**0.1703**	**6.0000e-004**	**0.0217**	**2.6100e-003**	**0.0244**	**5.8700e-003**	**2.4100e-003**	**8.2800e-003**	**0.0000**	**48.7427**	**48.7427**	**7.2000e-004**	**0.0000**	**48.7577**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0627	0.0000	0.0627	9.4900e-003	0.0000	9.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0308	0.1335	1.5487	2.6000e-003		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	227.4439	227.4439	0.0645	0.0000	228.7977
Total	**0.0308**	**0.1335**	**1.5487**	**2.6000e-003**	**0.0627**	**6.2000e-004**	**0.0633**	**9.4900e-003**	**6.2000e-004**	**0.0101**	**0.0000**	**227.4439**	**227.4439**	**0.0645**	**0.0000**	**228.7977**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.1317	0.1287	4.7000e-004	0.0110	2.5300e-003	0.0136	3.0300e-003	2.3300e-003	5.3600e-003	0.0000	40.1810	40.1810	3.1000e-004	0.0000	40.1874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	4.0100e-003	0.0417	1.3000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	8.5617	8.5617	4.1000e-004	0.0000	8.5703
Total	**0.0127**	**0.1357**	**0.1703**	**6.0000e-004**	**0.0217**	**2.6100e-003**	**0.0244**	**5.8700e-003**	**2.4100e-003**	**8.2800e-003**	**0.0000**	**48.7427**	**48.7427**	**7.2000e-004**	**0.0000**	**48.7577**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4761	0.0000	0.4761	0.2567	0.0000	0.2567	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3504	3.8026	2.9588	4.7500e-003		0.1742	0.1742		0.1602	0.1602	0.0000	417.5622	417.5622	0.1351	0.0000	420.3983
Total	**0.3504**	**3.8026**	**2.9588**	**4.7500e-003**	**0.4761**	**0.1742**	**0.6502**	**0.2567**	**0.1602**	**0.4170**	**0.0000**	**417.5622**	**417.5622**	**0.1351**	**0.0000**	**420.3983**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1944	2.5572	2.4990	9.1500e-003	0.2144	0.0492	0.2636	0.0588	0.0453	0.1041	0.0000	780.5158	780.5158	5.9400e-003	0.0000	780.6405
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2800e-003	6.3300e-003	0.0658	2.1000e-004	0.0169	1.3000e-004	0.0170	4.4900e-003	1.2000e-004	4.6100e-003	0.0000	13.5232	13.5232	6.5000e-004	0.0000	13.5367
Total	**0.1987**	**2.5636**	**2.5648**	**9.3600e-003**	**0.2313**	**0.0494**	**0.2807**	**0.0633**	**0.0454**	**0.1087**	**0.0000**	**794.0390**	**794.0390**	**6.5900e-003**	**0.0000**	**794.1773**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2142	0.0000	0.2142	0.1155	0.0000	0.1155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0582	0.2524	2.6780	4.7500e-003		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	417.5617	417.5617	0.1351	0.0000	420.3978
Total	**0.0582**	**0.2524**	**2.6780**	**4.7500e-003**	**0.2142**	**1.1600e-003**	**0.2154**	**0.1155**	**1.1600e-003**	**0.1167**	**0.0000**	**417.5617**	**417.5617**	**0.1351**	**0.0000**	**420.3978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1944	2.5572	2.4990	9.1500e-003	0.2144	0.0492	0.2636	0.0588	0.0453	0.1041	0.0000	780.5158	780.5158	5.9400e-003	0.0000	780.6405
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2800e-003	6.3300e-003	0.0658	2.1000e-004	0.0169	1.3000e-004	0.0170	4.4900e-003	1.2000e-004	4.6100e-003	0.0000	13.5232	13.5232	6.5000e-004	0.0000	13.5367
Total	**0.1987**	**2.5636**	**2.5648**	**9.3600e-003**	**0.2313**	**0.0494**	**0.2807**	**0.0633**	**0.0454**	**0.1087**	**0.0000**	**794.0390**	**794.0390**	**6.5900e-003**	**0.0000**	**794.1773**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4199	0.3698	5.9000e-004		0.0245	0.0245		0.0230	0.0230	0.0000	50.7430	50.7430	0.0124	0.0000	51.0026
Total	**0.0465**	**0.4199**	**0.3698**	**5.9000e-004**		**0.0245**	**0.0245**		**0.0230**	**0.0230**	**0.0000**	**50.7430**	**50.7430**	**0.0124**	**0.0000**	**51.0026**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0530	0.4716	0.7708	1.6800e-003	0.0479	8.1200e-003	0.0561	0.0137	7.4700e-003	0.0212	0.0000	142.3095	142.3095	1.0300e-003	0.0000	142.3311
Worker	0.0699	0.1033	1.0751	3.3800e-003	0.2759	2.1500e-003	0.2780	0.0733	1.9900e-003	0.0753	0.0000	220.8137	220.8137	0.0106	0.0000	221.0356
Total	**0.1229**	**0.5749**	**1.8459**	**5.0600e-003**	**0.3238**	**0.0103**	**0.3341**	**0.0870**	**9.4600e-003**	**0.0964**	**0.0000**	**363.1232**	**363.1232**	**0.0116**	**0.0000**	**363.3667**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1800e-003	0.0490	0.3830	5.9000e-004		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	50.7429	50.7429	0.0124	0.0000	51.0025
Total	**7.1800e-003**	**0.0490**	**0.3830**	**5.9000e-004**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**50.7429**	**50.7429**	**0.0124**	**0.0000**	**51.0025**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0530	0.4716	0.7708	1.6800e-003	0.0479	8.1200e-003	0.0561	0.0137	7.4700e-003	0.0212	0.0000	142.3095	142.3095	1.0300e-003	0.0000	142.3311
Worker	0.0699	0.1033	1.0751	3.3800e-003	0.2759	2.1500e-003	0.2780	0.0733	1.9900e-003	0.0753	0.0000	220.8137	220.8137	0.0106	0.0000	221.0356
Total	**0.1229**	**0.5749**	**1.8459**	**5.0600e-003**	**0.3238**	**0.0103**	**0.3341**	**0.0870**	**9.4600e-003**	**0.0964**	**0.0000**	**363.1232**	**363.1232**	**0.0116**	**0.0000**	**363.3667**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	**0.2471**	**2.2629**	**2.1582**	**3.5000e-003**		**0.1246**	**0.1246**		**0.1172**	**0.1172**	**0.0000**	**301.0339**	**301.0339**	**0.0725**	**0.0000**	**302.5568**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3030	2.3748	4.4564	9.9400e-003	0.2844	0.0439	0.3283	0.0812	0.0404	0.1216	0.0000	843.7771	843.7771	6.1500e-003	0.0000	843.9061
Worker	0.3922	0.5730	5.9895	0.0201	1.6365	0.0128	1.6493	0.4346	0.0118	0.4464	0.0000	1,289.4781	1,289.4781	0.0600	0.0000	1,290.7384
Total	**0.6952**	**2.9478**	**10.4459**	**0.0300**	**1.9209**	**0.0566**	**1.9775**	**0.5158**	**0.0522**	**0.5680**	**0.0000**	**2,133.2552**	**2,133.2552**	**0.0662**	**0.0000**	**2,134.6445**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	**0.0426**	**0.2909**	**2.2721**	**3.5000e-003**		**7.9000e-004**	**7.9000e-004**		**7.9000e-004**	**7.9000e-004**	**0.0000**	**301.0335**	**301.0335**	**0.0725**	**0.0000**	**302.5565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3030	2.3748	4.4564	9.9400e-003	0.2844	0.0439	0.3283	0.0812	0.0404	0.1216	0.0000	843.7771	843.7771	6.1500e-003	0.0000	843.9061
Worker	0.3922	0.5730	5.9895	0.0201	1.6365	0.0128	1.6493	0.4346	0.0118	0.4464	0.0000	1,289.4781	1,289.4781	0.0600	0.0000	1,290.7384
Total	**0.6952**	**2.9478**	**10.4459**	**0.0300**	**1.9209**	**0.0566**	**1.9775**	**0.5158**	**0.0522**	**0.5680**	**0.0000**	**2,133.2552**	**2,133.2552**	**0.0662**	**0.0000**	**2,134.6445**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0348	0.3185	0.3347	5.5000e-004		0.0165	0.0165		0.0155	0.0155	0.0000	47.3068	47.3068	0.0113	0.0000	47.5445
Total	**0.0348**	**0.3185**	**0.3347**	**5.5000e-004**		**0.0165**	**0.0165**		**0.0155**	**0.0155**	**0.0000**	**47.3068**	**47.3068**	**0.0113**	**0.0000**	**47.5445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	0.3386	0.6830	1.5600e-003	0.0447	6.8200e-003	0.0515	0.0128	6.2700e-003	0.0190	0.0000	132.4287	132.4287	9.9000e-004	0.0000	132.4494
Worker	0.0583	0.0844	0.8846	3.1500e-003	0.2571	2.0000e-003	0.2591	0.0683	1.8600e-003	0.0701	0.0000	199.1965	199.1965	9.0300e-003	0.0000	199.3861
Total	**0.1048**	**0.4230**	**1.5676**	**4.7100e-003**	**0.3018**	**8.8200e-003**	**0.3106**	**0.0810**	**8.1300e-003**	**0.0892**	**0.0000**	**331.6252**	**331.6252**	**0.0100**	**0.0000**	**331.8355**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.6900e-003	0.0457	0.3569	5.5000e-004		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	47.3068	47.3068	0.0113	0.0000	47.5444
Total	**6.6900e-003**	**0.0457**	**0.3569**	**5.5000e-004**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**47.3068**	**47.3068**	**0.0113**	**0.0000**	**47.5444**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	0.3386	0.6830	1.5600e-003	0.0447	6.8200e-003	0.0515	0.0128	6.2700e-003	0.0190	0.0000	132.4287	132.4287	9.9000e-004	0.0000	132.4494
Worker	0.0583	0.0844	0.8846	3.1500e-003	0.2571	2.0000e-003	0.2591	0.0683	1.8600e-003	0.0701	0.0000	199.1965	199.1965	9.0300e-003	0.0000	199.3861
Total	**0.1048**	**0.4230**	**1.5676**	**4.7100e-003**	**0.3018**	**8.8200e-003**	**0.3106**	**0.0810**	**8.1300e-003**	**0.0892**	**0.0000**	**331.6252**	**331.6252**	**0.0100**	**0.0000**	**331.8355**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.5348					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6300e-003	0.0672	0.0800	1.3000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	11.2343	11.2343	7.7000e-004	0.0000	11.2505
Total	**2.5444**	**0.0672**	**0.0800**	**1.3000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**11.2343**	**11.2343**	**7.7000e-004**	**0.0000**	**11.2505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0387	0.4046	1.3600e-003	0.1106	8.6000e-004	0.1114	0.0294	8.0000e-004	0.0302	0.0000	87.1055	87.1055	4.0500e-003	0.0000	87.1906
Total	**0.0265**	**0.0387**	**0.4046**	**1.3600e-003**	**0.1106**	**8.6000e-004**	**0.1114**	**0.0294**	**8.0000e-004**	**0.0302**	**0.0000**	**87.1055**	**87.1055**	**4.0500e-003**	**0.0000**	**87.1906**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.5348					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3100e-003	5.6700e-003	0.0806	1.3000e-004		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	11.2343	11.2343	7.7000e-004	0.0000	11.2505
Total	**2.5361**	**5.6700e-003**	**0.0806**	**1.3000e-004**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**11.2343**	**11.2343**	**7.7000e-004**	**0.0000**	**11.2505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0387	0.4046	1.3600e-003	0.1106	8.6000e-004	0.1114	0.0294	8.0000e-004	0.0302	0.0000	87.1055	87.1055	4.0500e-003	0.0000	87.1906
Total	**0.0265**	**0.0387**	**0.4046**	**1.3600e-003**	**0.1106**	**8.6000e-004**	**0.1114**	**0.0294**	**8.0000e-004**	**0.0302**	**0.0000**	**87.1055**	**87.1055**	**4.0500e-003**	**0.0000**	**87.1906**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3206					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.1056	0.1360	2.2000e-004		6.1300e-003	6.1300e-003		6.1300e-003	6.1300e-003	0.0000	19.1494	19.1494	1.2500e-003	0.0000	19.1756
Total	**4.3359**	**0.1056**	**0.1360**	**2.2000e-004**		**6.1300e-003**	**6.1300e-003**		**6.1300e-003**	**6.1300e-003**	**0.0000**	**19.1494**	**19.1494**	**1.2500e-003**	**0.0000**	**19.1756**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0427	0.0619	0.6484	2.3100e-003	0.1884	1.4700e-003	0.1899	0.0500	1.3600e-003	0.0514	0.0000	146.0086	146.0086	6.6200e-003	0.0000	146.1475
Total	**0.0427**	**0.0619**	**0.6484**	**2.3100e-003**	**0.1884**	**1.4700e-003**	**0.1899**	**0.0500**	**1.3600e-003**	**0.0514**	**0.0000**	**146.0086**	**146.0086**	**6.6200e-003**	**0.0000**	**146.1475**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3206					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2300e-003	9.6600e-003	0.1374	2.2000e-004		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	19.1494	19.1494	1.2500e-003	0.0000	19.1756
Total	**4.3228**	**9.6600e-003**	**0.1374**	**2.2000e-004**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**19.1494**	**19.1494**	**1.2500e-003**	**0.0000**	**19.1756**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0427	0.0619	0.6484	2.3100e-003	0.1884	1.4700e-003	0.1899	0.0500	1.3600e-003	0.0514	0.0000	146.0086	146.0086	6.6200e-003	0.0000	146.1475
Total	**0.0427**	**0.0619**	**0.6484**	**2.3100e-003**	**0.1884**	**1.4700e-003**	**0.1899**	**0.0500**	**1.3600e-003**	**0.0514**	**0.0000**	**146.0086**	**146.0086**	**6.6200e-003**	**0.0000**	**146.1475**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4692	0.6141	9.6000e-004		0.0240	0.0240		0.0221	0.0221	0.0000	84.2861	84.2861	0.0273	0.0000	84.8586
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0465**	**0.4692**	**0.6141**	**9.6000e-004**		**0.0240**	**0.0240**		**0.0221**	**0.0221**	**0.0000**	**84.2861**	**84.2861**	**0.0273**	**0.0000**	**84.8586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	2.3200e-003	0.0244	9.0000e-005	7.0800e-003	6.0000e-005	7.1300e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	5.4833	5.4833	2.5000e-004	0.0000	5.4885
Total	**1.6100e-003**	**2.3200e-003**	**0.0244**	**9.0000e-005**	**7.0800e-003**	**6.0000e-005**	**7.1300e-003**	**1.8800e-003**	**5.0000e-005**	**1.9300e-003**	**0.0000**	**5.4833**	**5.4833**	**2.5000e-004**	**0.0000**	**5.4885**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0118	0.0512	0.7279	9.6000e-004		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	84.2860	84.2860	0.0273	0.0000	84.8585
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0118**	**0.0512**	**0.7279**	**9.6000e-004**		**2.4000e-004**	**2.4000e-004**		**2.4000e-004**	**2.4000e-004**	**0.0000**	**84.2860**	**84.2860**	**0.0273**	**0.0000**	**84.8585**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	2.3200e-003	0.0244	9.0000e-005	7.0800e-003	6.0000e-005	7.1300e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	5.4833	5.4833	2.5000e-004	0.0000	5.4885
Total	**1.6100e-003**	**2.3200e-003**	**0.0244**	**9.0000e-005**	**7.0800e-003**	**6.0000e-005**	**7.1300e-003**	**1.8800e-003**	**5.0000e-005**	**1.9300e-003**	**0.0000**	**5.4833**	**5.4833**	**2.5000e-004**	**0.0000**	**5.4885**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.3592	14.8803	67.5822	0.1886	12.5192	0.2596	12.7789	3.3506	0.2396	3.5902	0.0000	12,957.7687	12,957.7687	0.4483	0.0000	12,967.1832
Unmitigated	8.1561	20.5618	87.1250	0.2799	18.8700	0.3768	19.2468	5.0503	0.3476	5.3980	0.0000	19,227.3768	19,227.3768	0.6474	0.0000	19,240.9722

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,176.00	1,432.00	1214.00	4,162,091	2,881,466
Condo/Townhouse High Rise	3,410.40	4,152.80	3520.60	12,070,064	8,356,252
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	6,126.41	0.00	0.00	13,513,671	8,716,444
High Turnover (Sit Down Restaurant)	1,017.20	1,266.96	1054.72	1,442,202	950,727
Hotel	1,634.00	1,638.00	1190.00	3,749,016	2,465,413
Library	3,533.72	4,282.60	2345.08	8,762,925	5,655,704
Regional Shopping Center	3,238.08	1,599.04	807.68	5,746,096	3,781,132
Total	20,246.76	14,482.35	10,243.03	49,765,327	33,016,588

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,044.0518	3,044.0518	0.1399	0.0290	3,055.9648
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,790.6450	5,790.6450	0.2662	0.0551	5,813.3068
NaturalGas Mitigated	0.1288	1.1429	0.7796	7.0200e-003		0.0890	0.0890		0.0890	0.0890	0.0000	1,274.4601	1,274.4601	0.0244	0.0234	1,282.2162
NaturalGas Unmitigated	0.1534	1.3613	0.9289	8.3700e-003		0.1060	0.1060		0.1060	0.1060	0.0000	1,517.9297	1,517.9297	0.0291	0.0278	1,527.1676

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.88121e+006	0.0155	0.1328	0.0565	8.5000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.7521	153.7521	2.9500e-003	2.8200e-003	154.6878
Condo/Townhouse High Rise	8.3555e+006	0.0451	0.3850	0.1638	2.4600e-003		0.0311	0.0311		0.0311	0.0311	0.0000	445.8812	445.8812	8.5500e-003	8.1700e-003	448.5947
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	6.29342e+006	0.0339	0.3085	0.2591	1.8500e-003		0.0235	0.0235		0.0235	0.0235	0.0000	335.8407	335.8407	6.4400e-003	6.1600e-003	337.8846
High Turnover (Sit Down Restaurant)	1.86408e+006	0.0101	0.0914	0.0768	5.5000e-004		6.9400e-003	6.9400e-003		6.9400e-003	6.9400e-003	0.0000	99.4744	99.4744	1.9100e-003	1.8200e-003	100.0798
Hotel	7.26581e+006	0.0392	0.3562	0.2992	2.1400e-003		0.0271	0.0271		0.0271	0.0271	0.0000	387.7312	387.7312	7.4300e-003	7.1100e-003	390.0909
Library	1.73052e+006	9.3300e-003	0.0848	0.0713	5.1000e-004		6.4500e-003	6.4500e-003		6.4500e-003	6.4500e-003	0.0000	92.3471	92.3471	1.7700e-003	1.6900e-003	92.9092
Regional Shopping Center	54400	2.9000e-004	2.6700e-003	2.2400e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.9030	2.9030	6.0000e-005	5.0000e-005	2.9207
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1534**	**1.3613**	**0.9289**	**8.3800e-003**		**0.1060**	**0.1060**		**0.1060**	**0.1060**	**0.0000**	**1,517.9297**	**1,517.9297**	**0.0291**	**0.0278**	**1,527.1676**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.423e+006	0.0131	0.1117	0.0475	7.1000e-004		9.0300e-003	9.0300e-003		9.0300e-003	9.0300e-003	0.0000	129.3008	129.3008	2.4800e-003	2.3700e-003	130.0877
Condo/Townhouse High Rise	7.02671e+006	0.0379	0.3238	0.1378	2.0700e-003		0.0262	0.0262		0.0262	0.0262	0.0000	374.9722	374.9722	7.1900e-003	6.8700e-003	377.2542
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	5.07965e+006	0.0274	0.2490	0.2092	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0693	271.0693	5.2000e-003	4.9700e-003	272.7189
High Turnover (Sit Down Restaurant)	1.79171e+006	9.6600e-003	0.0878	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003	0.0000	95.6126	95.6126	1.8300e-003	1.7500e-003	96.1945
Hotel	6.04845e+006	0.0326	0.2965	0.2491	1.7800e-003		0.0225	0.0225		0.0225	0.0225	0.0000	322.7684	322.7684	6.1900e-003	5.9200e-003	324.7327
Library	1.4663e+006	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4600e-003	5.4600e-003		5.4600e-003	5.4600e-003	0.0000	78.2471	78.2471	1.5000e-003	1.4300e-003	78.7233
Regional Shopping Center	46656	2.5000e-004	2.2900e-003	1.9200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4897	2.4897	5.0000e-005	5.0000e-005	2.5049
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1288**	**1.1429**	**0.7796**	**7.0200e-003**		**0.0890**	**0.0890**		**0.0890**	**0.0890**	**0.0000**	**1,274.4601**	**1,274.4601**	**0.0244**	**0.0234**	**1,282.2162**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.55077e+006	729.9460	0.0336	6.9400e-003	732.8027
Condo/Townhouse High Rise	879576	251.7055	0.0116	2.3900e-003	252.6906
Enclosed Parking with Elevator	1.37226e+006	392.6965	0.0181	3.7300e-003	394.2334
Enclosed Parking with Elevator	1.9546e+006	559.3418	0.0257	5.3200e-003	561.5308
Enclosed Parking with Elevator	674000	192.8765	8.8700e-003	1.8300e-003	193.6313
Government (Civic Center)	8.36627e+006	2,394.1501	0.1101	0.0228	2,403.5197
High Turnover (Sit Down Restaurant)	375280	107.3927	4.9400e-003	1.0200e-003	107.8130
Hotel	2.4684e+006	706.3744	0.0325	6.7200e-003	709.1388
Library	1.1086e+006	317.2446	0.0146	3.0200e-003	318.4862
Regional Shopping Center	485440	138.9169	6.3900e-003	1.3200e-003	139.4605
Total		**5,790.6450**	**0.2662**	**0.0551**	**5,813.3068**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.563e+006	447.2776	0.0206	4.2500e-003	449.0280
Condo/Townhouse High Rise	538964	154.2336	7.0900e-003	1.4700e-003	154.8372
Enclosed Parking with Elevator	298763	85.4959	3.9300e-003	8.1000e-004	85.8305
Enclosed Parking with Elevator	608280	174.0697	8.0000e-003	1.6600e-003	174.7510
Enclosed Parking with Elevator	866411	247.9382	0.0114	2.3600e-003	248.9085
Government (Civic Center)	4.39985e+006	1,259.0915	0.0579	0.0120	1,264.0189
High Turnover (Sit Down Restaurant)	229788	65.7577	3.0200e-003	6.3000e-004	66.0151
Hotel	1.30865e+006	374.4927	0.0172	3.5600e-003	375.9583
Library	609788	174.5010	8.0200e-003	1.6600e-003	175.1839
Regional Shopping Center	213840	61.1939	2.8100e-003	5.8000e-004	61.4334
Total		**3,044.0518**	**0.1399**	**0.0290**	**3,055.9648**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	11.1155	0.0837	7.1245	3.5000e-004		0.0388	0.0388		0.0388	0.0388	0.0000	11.2127	11.2127	9.8600e-003	0.0000	11.4198
Unmitigated	11.7277	0.0936	8.1014	4.3000e-004		0.0445	0.0445		0.0445	0.0445	0.0000	13.1990	13.1990	0.0130	0.0000	13.4714

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.0302					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.4489					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2487	0.0936	8.1014	4.3000e-004		0.0445	0.0445		0.0445	0.0445	0.0000	13.1990	13.1990	0.0130	0.0000	13.4714
Total	**11.7277**	**0.0936**	**8.1014**	**4.3000e-004**		**0.0445**	**0.0445**		**0.0445**	**0.0445**	**0.0000**	**13.1990**	**13.1990**	**0.0130**	**0.0000**	**13.4714**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.4768					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.4489					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1899	0.0837	7.1245	3.5000e-004		0.0388	0.0388		0.0388	0.0388	0.0000	11.2127	11.2127	9.8600e-003	0.0000	11.4198
Total	**11.1155**	**0.0837**	**7.1245**	**3.5000e-004**		**0.0388**	**0.0388**		**0.0388**	**0.0388**	**0.0000**	**11.2127**	**11.2127**	**9.8600e-003**	**0.0000**	**11.4198**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	911.7910	4.6780	0.1176	1,046.4854
Unmitigated	1,077.5393	5.8457	0.1466	1,245.7540

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.777	12.0083	5.5000e-004	1.1000e-004	12.0553
Condo/Townhouse High Rise	50.8201 / 32.0388	307.3492	1.6694	0.0419	355.3857
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	114.386 / 70.1077	685.4076	3.7571	0.0942	793.5036
High Turnover (Sit Down Restaurant)	2.42827 / 0.154996	10.3113	0.0796	1.9600e-003	12.5895
Hotel	5.07335 / 0.563706	22.3060	0.1663	4.1000e-003	27.0687
Library	2.87858 / 4.50239	25.9539	0.0950	2.4500e-003	28.7082
Regional Shopping Center	2.37032 / 1.45278	14.2031	0.0779	1.9500e-003	16.4430
Total		**1,077.5393**	**5.8457**	**0.1466**	**1,245.7540**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.5466	11.2758	5.2000e-004	1.1000e-004	11.3199
Condo/Townhouse High Rise	40.6561 / 30.0844	260.0381	1.3359	0.0336	298.5022
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	91.509 / 65.8311	579.3084	3.0066	0.0755	665.8601
High Turnover (Sit Down Restaurant)	1.94262 / 0.145541	8.3176	0.0636	1.5700e-003	10.1394
Hotel	4.05868 / 0.52932	18.0939	0.1330	3.2800e-003	21.9030
Library	2.30286 / 4.22775	22.7528	0.0760	1.9800e-003	24.9629
Regional Shopping Center	1.89626 / 1.36416	12.0045	0.0623	1.5700e-003	13.7980
Total		**911.7910**	**4.6780**	**0.1176**	**1,046.4854**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	804.6745	47.5549	0.0000	1,803.3273
Unmitigated	804.6745	47.5549	0.0000	1,803.3273

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.27	0.0548	3.2400e-003	0.0000	0.1228
Condo/Townhouse High Rise	358.8	72.8332	4.3043	0.0000	163.2238
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3282	666.2163	39.3723	0.0000	1,493.0338
High Turnover (Sit Down Restaurant)	95.2	19.3247	1.1421	0.0000	43.3080
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Library	84.72	17.1974	1.0163	0.0000	38.5405
Regional Shopping Center	33.6	6.8205	0.4031	0.0000	15.2852
Total		**804.6745**	**47.5549**	**0.0000**	**1,803.3273**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.27	0.0548	3.2400e-003	0.0000	0.1228
Condo/Townhouse High Rise	358.8	72.8332	4.3043	0.0000	163.2238
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3282	666.2163	39.3723	0.0000	1,493.0338
High Turnover (Sit Down Restaurant)	95.2	19.3247	1.1421	0.0000	43.3080
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Library	84.72	17.1974	1.0163	0.0000	38.5405
Regional Shopping Center	33.6	6.8205	0.4031	0.0000	15.2852
Total		**804.6745**	**47.5549**	**0.0000**	**1,803.3273**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Long Beach Civic Center

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	575.79	1000sqft	3.78	575,793.00	0
Library	92.00	1000sqft	1.73	92,000.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.00	8,000.00	0
Hotel	200.00	Room	0.00	290,400.00	0
Condo/Townhouse High Rise	200.00	Dwelling Unit	0.90	235,000.00	572
Condo/Townhouse High Rise	580.00	Dwelling Unit	6.29	650,000.00	1659
Regional Shopping Center	32.00	1000sqft	0.00	32,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

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tblVehicleEF	HHD	4.01	3.17
tblVehicleEF	HHD	3.38	3.24
tblVehicleEF	HHD	8.2050e-003	7.8410e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	7.5490e-003	7.2140e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004

tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.53	0.57
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.24	1.06
tblVehicleEF	HHD	5.9320e-003	5.9240e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2710e-003	1.2330e-003
tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.60	0.65
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.32	1.14
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	4.35	4.71
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	54.58	52.38
tblVehicleEF	HHD	484.88	484.26
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	3.76	3.18
tblVehicleEF	HHD	4.18	3.31

tblVehicleEF	HHD	3.54	3.40
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.61	0.66
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.44	1.23
tblVehicleEF	HHD	5.1400e-003	5.1330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4540e-003	1.4080e-003
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.69	0.75
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.54	1.31

tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.77	0.71
tblVehicleEF	LDA	1.39	1.21
tblVehicleEF	LDA	248.70	239.34
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5970e-003	3.6040e-003
tblVehicleEF	LDA	7.6100e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	9.9910e-003	9.4500e-003

tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.86	0.79
tblVehicleEF	LDA	1.09	0.95
tblVehicleEF	LDA	261.60	251.82
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	3.7860e-003	3.7940e-003
tblVehicleEF	LDA	7.5600e-004	7.5400e-004
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003

tblVehicleEF	LDA	0.74	0.68
tblVehicleEF	LDA	1.44	1.25
tblVehicleEF	LDA	244.71	235.50
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5390e-003	3.5450e-003
tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76

tblVehicleEF	LDT1	3.77	3.19
tblVehicleEF	LDT1	303.51	294.33
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52

tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93

tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95
tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28

tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35
tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18

tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10

tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40

tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06

tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.2300e-004	5.1800e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003

tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48

tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004

tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.53	1.30
tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003

tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004

tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003
tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004

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tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21

tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003

tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06
tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10

tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08

tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40

tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85
tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004

tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35
tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003

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tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003

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tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24

tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52
tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
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tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68

tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88
tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17

tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004

tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	39.00	0.00
tblWoodstoves	NumberNoncatalytic	39.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.0469	161.6853	193.8570	0.3886	23.0128	6.5084	29.5212	7.8547	6.0259	13.8806	0.0000	36,523.5374	36,523.5374	3.4037	0.0000	36,595.0150
2017	37.7084	149.2067	181.1991	0.3884	26.2319	5.9670	32.1989	8.6450	5.5240	14.1690	0.0000	35,641.3255	35,641.3255	3.3332	0.0000	35,711.3231
2018	46.5232	73.8943	139.5446	0.3251	17.7166	3.1280	20.8446	4.7419	2.9204	7.6624	0.0000	27,878.4395	27,878.4395	2.1422	0.0000	27,923.4258
2019	47.5670	135.3750	167.8930	0.4240	23.6533	5.6473	28.4575	8.0279	5.2243	12.4745	0.0000	37,440.6680	37,440.6680	3.9602	0.0000	37,523.8331
2020	14.7810	124.7773	166.2826	0.4481	24.2259	4.4808	28.7067	8.1871	4.1457	12.3327	0.0000	38,685.5928	38,685.5928	3.2268	0.0000	38,753.3562
2021	65.7112	40.9887	105.9604	0.3003	17.5493	1.5015	19.0508	4.6976	1.4091	6.1067	0.0000	23,711.9153	23,711.9153	1.2915	0.0000	23,739.0370
2022	65.2572	37.1682	101.6335	0.3002	17.5493	1.3361	18.8855	4.6976	1.2535	5.9512	0.0000	23,479.9852	23,479.9852	1.2617	0.0000	23,506.4808
Total	**296.5950**	**723.0954**	**1,056.3701**	**2.5746**	**149.9391**	**28.5691**	**177.6652**	**46.8519**	**26.5029**	**72.5770**	**0.0000**	**223,361.4637**	**223,361.4637**	**18.6194**	**0.0000**	**223,752.4709**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	10.2442	63.8720	178.4027	0.3886	19.6526	0.9780	20.6306	6.0272	0.9012	6.9284	0.0000	36,523.5374	36,523.5374	3.4037	0.0000	36,595.0149
2017	32.9970	58.7157	168.4547	0.3884	22.8717	0.8898	23.7616	6.8175	0.8204	7.6379	0.0000	35,641.3255	35,641.3255	3.3332	0.0000	35,711.3231
2018	42.5752	35.0121	141.8344	0.3251	17.7166	0.5567	18.2733	4.7419	0.5137	5.2557	0.0000	27,878.4395	27,878.4395	2.1422	0.0000	27,923.4258
2019	42.0677	61.7436	162.6735	0.4240	20.2495	1.0355	21.2850	6.1946	0.9550	7.1496	0.0000	37,440.6680	37,440.6680	3.9602	0.0000	37,523.8330
2020	9.2025	61.8161	163.2382	0.4481	20.8254	1.1272	21.9526	6.3534	1.0394	7.3928	0.0000	38,685.5928	38,685.5928	3.2268	0.0000	38,753.3562
2021	63.9554	24.4793	106.8486	0.3003	17.5493	0.4592	18.0085	4.6976	0.4238	5.1214	0.0000	23,711.9153	23,711.9153	1.2915	0.0000	23,739.0370
2022	63.7097	22.5810	102.7357	0.3002	17.5493	0.4554	18.0047	4.6976	0.4204	5.1180	0.0000	23,479.9852	23,479.9852	1.2617	0.0000	23,506.4808
Total	**264.7517**	**328.2197**	**1,024.1877**	**2.5746**	**136.4144**	**5.5018**	**141.9162**	**39.5298**	**5.0740**	**44.6038**	**0.0000**	**223,361.4637**	**223,361.4637**	**18.6194**	**0.0000**	**223,752.4708**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.74**	**54.61**	**3.05**	**0.00**	**9.02**	**80.74**	**20.12**	**15.63**	**80.86**	**38.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972
Energy	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869
Mobile	56.7725	130.9294	588.9178	1.9863	131.0810	2.5686	133.6496	35.0295	2.3696	37.3992		150,048.0055	150,048.0055	4.8680		150,150.2342
Total	**122.5008**	**139.1376**	**658.8187**	**2.0355**	**131.0810**	**3.5051**	**134.5862**	**35.0295**	**3.3062**	**38.3357**	**0.0000**	**159,332.7901**	**159,332.7901**	**5.1582**	**0.1681**	**159,493.2183**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	61.3857	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Energy	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
Mobile	51.1777	95.0051	443.2513	1.3360	86.8310	1.7660	88.5969	23.2043	1.6294	24.8338		100,938.6637	100,938.6637	3.3649		101,009.3270
Total	**113.2690**	**101.9374**	**504.5187**	**1.3773**	**86.8310**	**2.5636**	**89.3946**	**23.2043**	**2.4271**	**25.6314**	**0.0000**	**108,735.3607**	**108,735.3607**	**3.5994**	**0.1411**	**108,854.6975**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.54**	**26.74**	**23.42**	**32.34**	**33.76**	**26.86**	**33.58**	**33.76**	**26.59**	**33.14**	**0.00**	**31.76**	**31.76**	**30.22**	**16.04**	**31.75**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 475,875; Residential Outdoor: 158,625; Non-Residential Indoor: 150,000; Non-Residential Outdoor: 50,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38
Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40

Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29
Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7615	0.0000	4.7615	0.7209	0.0000	0.7209			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**4.7615**	**2.2921**	**7.0537**	**0.7209**	**2.1365**	**2.8575**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3763	6.0306	4.2655	0.0162	0.3833	0.0957	0.4791	0.1050	0.0881	0.1930		1,634.9338	1,634.9338	0.0116		1,635.1778
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.4390**	**6.1089**	**5.2405**	**0.0183**	**0.5510**	**0.0971**	**0.6481**	**0.1494**	**0.0894**	**0.2388**		**1,813.3526**	**1,813.3526**	**0.0208**		**1,813.7888**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1427	0.0000	2.1427	0.3244	0.0000	0.3244			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**2.1427**	**9.4800e-003**	**2.1522**	**0.3244**	**9.4800e-003**	**0.3339**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3763	6.0306	4.2655	0.0162	0.3833	0.0957	0.4791	0.1050	0.0881	0.1930		1,634.9338	1,634.9338	0.0116		1,635.1778
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.4390**	**6.1089**	**5.2405**	**0.0183**	**0.5510**	**0.0971**	**0.6481**	**0.1494**	**0.0894**	**0.2388**		**1,813.3526**	**1,813.3526**	**0.0208**		**1,813.7888**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**6.1095**	**3.5842**	**9.6937**	**3.3228**	**3.2975**	**6.6203**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3551	21.7171	15.3606	0.0584	1.6913	0.3448	2.0361	0.4543	0.3171	0.7714		5,887.6458	5,887.6458	0.0418		5,888.5244
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**1.4387**	**21.8215**	**16.6606**	**0.0612**	**1.9149**	**0.3466**	**2.2615**	**0.5136**	**0.3188**	**0.8324**		**6,125.5375**	**6,125.5375**	**0.0541**		**6,126.6724**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3551	21.7171	15.3606	0.0584	1.6913	0.3448	2.0361	0.4543	0.3171	0.7714		5,887.6458	5,887.6458	0.0418		5,888.5244
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**1.4387**	**21.8215**	**16.6606**	**0.0612**	**1.9149**	**0.3466**	**2.2615**	**0.5136**	**0.3188**	**0.8324**		**6,125.5375**	**6,125.5375**	**0.0541**		**6,126.6724**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**6.1095**	**3.3172**	**9.4266**	**3.3228**	**3.0518**	**6.3746**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2803	19.9056	14.7308	0.0584	4.9098	0.3151	5.2248	1.2443	0.2899	1.5342		5,790.9948	5,790.9948	0.0410		5,791.8550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0943	1.1759	2.8300e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		228.7867	228.7867	0.0113		229.0232
Total	**1.3554**	**19.9999**	**15.9068**	**0.0612**	**5.1333**	**0.3169**	**5.4502**	**1.3036**	**0.2915**	**1.5951**		**6,019.7815**	**6,019.7815**	**0.0522**		**6,020.8782**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2803	19.9056	14.7308	0.0584	4.9098	0.3151	5.2248	1.2443	0.2899	1.5342		5,790.9948	5,790.9948	0.0410		5,791.8550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0943	1.1759	2.8300e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		228.7867	228.7867	0.0113		229.0232
Total	**1.3554**	**19.9999**	**15.9068**	**0.0612**	**5.1333**	**0.3169**	**5.4502**	**1.3036**	**0.2915**	**1.5951**		**6,019.7815**	**6,019.7815**	**0.0522**		**6,020.8782**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9475	30.5740	35.2552	0.0770	2.2124	0.5034	2.7159	0.6301	0.4629	1.0930		7,718.2237	7,718.2237	0.0551		7,719.3805
Worker	4.7752	5.9697	74.2972	0.1619	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		13,595.5091	13,595.5091	0.6976		13,610.1576
Total	**7.7226**	**36.5437**	**109.5523**	**0.2389**	**14.9885**	**0.6102**	**15.5987**	**4.0183**	**0.5611**	**4.5794**		**21,313.7328**	**21,313.7328**	**0.7526**		**21,329.5381**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9475	30.5740	35.2552	0.0770	2.2124	0.5034	2.7159	0.6301	0.4629	1.0930		7,718.2237	7,718.2237	0.0551		7,719.3805
Worker	4.7752	5.9697	74.2972	0.1619	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		13,595.5091	13,595.5091	0.6976		13,610.1576
Total	**7.7226**	**36.5437**	**109.5523**	**0.2389**	**14.9885**	**0.6102**	**15.5987**	**4.0183**	**0.5611**	**4.5794**		**21,313.7328**	**21,313.7328**	**0.7526**		**21,329.5381**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7008	27.8195	33.1546	0.0769	2.2131	0.4490	2.6621	0.6304	0.4129	1.0433		7,593.2098	7,593.2098	0.0532		7,594.3279
Worker	4.2907	5.3896	67.2036	0.1618	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		13,075.1599	13,075.1599	0.6437		13,088.6766
Total	**6.9915**	**33.2091**	**100.3582**	**0.2387**	**14.9892**	**0.5517**	**15.5409**	**4.0186**	**0.5077**	**4.5263**		**20,668.3697**	**20,668.3697**	**0.6969**		**20,683.0044**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7008	27.8195	33.1546	0.0769	2.2131	0.4490	2.6621	0.6304	0.4129	1.0433		7,593.2098	7,593.2098	0.0532		7,594.3279
Worker	4.2907	5.3896	67.2036	0.1618	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		13,075.1599	13,075.1599	0.6437		13,088.6766
Total	**6.9915**	**33.2091**	**100.3582**	**0.2387**	**14.9892**	**0.5517**	**15.5409**	**4.0186**	**0.5077**	**4.5263**		**20,668.3697**	**20,668.3697**	**0.6969**		**20,683.0044**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5327	25.5324	31.5858	0.0768	2.2132	0.4232	2.6364	0.6304	0.3893	1.0196		7,465.7922	7,465.7922	0.0529		7,466.9030
Worker	3.8677	4.8889	61.0458	0.1617	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		12,588.6496	12,588.6496	0.5974		12,601.1941
Total	**6.4004**	**30.4212**	**92.6317**	**0.2385**	**14.9892**	**0.5232**	**15.5124**	**4.0186**	**0.4818**	**4.5004**		**20,054.4418**	**20,054.4418**	**0.6503**		**20,068.0971**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5327	25.5324	31.5858	0.0768	2.2132	0.4232	2.6364	0.6304	0.3893	1.0196		7,465.7922	7,465.7922	0.0529		7,466.9030
Worker	3.8677	4.8889	61.0458	0.1617	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		12,588.6496	12,588.6496	0.5974		12,601.1941
Total	**6.4004**	**30.4212**	**92.6317**	**0.2385**	**14.9892**	**0.5232**	**15.5124**	**4.0186**	**0.4818**	**4.5004**		**20,054.4418**	**20,054.4418**	**0.6503**		**20,068.0971**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**24.7912**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8596	1.0798	13.4643	0.0324	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,619.6077	2,619.6077	0.1290		2,622.3158
Total	**0.8596**	**1.0798**	**13.4643**	**0.0324**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,619.6077**	**2,619.6077**	**0.1290**		**2,622.3158**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**24.4886**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8596	1.0798	13.4643	0.0324	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,619.6077	2,619.6077	0.1290		2,622.3158
Total	**0.8596**	**1.0798**	**13.4643**	**0.0324**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,619.6077**	**2,619.6077**	**0.1290**		**2,622.3158**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**35.0170**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7749	0.9795	12.2305	0.0324	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,522.1354	2,522.1354	0.1197		2,524.6487
Total	**0.7749**	**0.9795**	**12.2305**	**0.0324**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,522.1354**	**2,522.1354**	**0.1197**		**2,524.6487**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7749	0.9795	12.2305	0.0324	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,522.1354	2,522.1354	0.1197		2,524.6487
Total	**0.7749**	**0.9795**	**12.2305**	**0.0324**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,522.1354**	**2,522.1354**	**0.1197**		**2,524.6487**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**34.9849**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7133	0.8984	11.2408	0.0323	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,426.5195	2,426.5195	0.1120		2,428.8722
Total	**0.7133**	**0.8984**	**11.2408**	**0.0323**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,426.5195**	**2,426.5195**	**0.1120**		**2,428.8722**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7133	0.8984	11.2408	0.0323	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,426.5195	2,426.5195	0.1120		2,428.8722
Total	**0.7133**	**0.8984**	**11.2408**	**0.0323**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,426.5195**	**2,426.5195**	**0.1120**		**2,428.8722**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0642	0.8011	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2054	165.2054	7.8400e-003		165.3700
Total	**0.0508**	**0.0642**	**0.8011**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2054**	**165.2054**	**7.8400e-003**		**165.3700**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0642	0.8011	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2054	165.2054	7.8400e-003		165.3700
Total	**0.0508**	**0.0642**	**0.8011**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2054**	**165.2054**	**7.8400e-003**		**165.3700**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.0467**	**0.0589**	**0.7363**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**158.9423**	**158.9423**	**7.3400e-003**		**159.0964**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.0467**	**0.0589**	**0.7363**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**158.9423**	**158.9423**	**7.3400e-003**		**159.0964**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2349	0.0000	1.2349	0.1870	0.0000	0.1870			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316		3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**1.2349**	**1.6448**	**2.8797**	**0.1870**	**1.5316**	**1.7185**		**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0878	1.2432	1.0165	4.1900e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0481		402.4140	402.4140	2.9700e-003		402.4764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.1345**	**1.3021**	**1.7528**	**6.3100e-003**	**0.2672**	**0.0240**	**0.2911**	**0.0717**	**0.0220**	**0.0938**		**561.3563**	**561.3563**	**0.0103**		**561.5728**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5557	0.0000	0.5557	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**0.5557**	**9.4800e-003**	**0.5652**	**0.0841**	**9.4800e-003**	**0.0936**	**0.0000**	**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0878	1.2432	1.0165	4.1900e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0481		402.4140	402.4140	2.9700e-003		402.4764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.1345**	**1.3021**	**1.7528**	**6.3100e-003**	**0.2672**	**0.0240**	**0.2911**	**0.0717**	**0.0220**	**0.0938**		**561.3563**	**561.3563**	**0.0103**		**561.5728**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1888	0.0000	6.1888	3.3333	0.0000	3.3333			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**6.1888**	**2.5049**	**8.6937**	**3.3333**	**2.3045**	**5.6378**		**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9860	28.1274	22.9975	0.0947	2.2516	0.5128	2.7643	0.6166	0.4717	1.0884		9,104.5102	9,104.5102	0.0672		9,105.9211
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0785	0.9817	2.8200e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		211.9231	211.9231	9.7800e-003		212.1286
Total	**2.0483**	**28.2059**	**23.9792**	**0.0975**	**2.4751**	**0.5145**	**2.9896**	**0.6759**	**0.4733**	**1.1492**		**9,316.4333**	**9,316.4333**	**0.0770**		**9,318.0497**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7849	0.0000	2.7849	1.5000	0.0000	1.5000			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7849**	**0.0151**	**2.8001**	**1.5000**	**0.0151**	**1.5151**	**0.0000**	**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9860	28.1274	22.9975	0.0947	2.2516	0.5128	2.7643	0.6166	0.4717	1.0884		9,104.5102	9,104.5102	0.0672		9,105.9211
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0785	0.9817	2.8200e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		211.9231	211.9231	9.7800e-003		212.1286
Total	**2.0483**	**28.2059**	**23.9792**	**0.0975**	**2.4751**	**0.5145**	**2.9896**	**0.6759**	**0.4733**	**1.1492**		**9,316.4333**	**9,316.4333**	**0.0770**		**9,318.0497**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1429	0.0000	2.1429	0.3245	0.0000	0.3245			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865		3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**2.1429**	**1.4899**	**3.6327**	**0.3245**	**1.3865**	**1.7110**		**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1493	1.9225	1.7365	7.2500e-003	0.1726	0.0390	0.2116	0.0473	0.0359	0.0831		682.0991	682.0991	5.1500e-003		682.2073
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0546	0.6862	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5097	152.5097	6.9500e-003		152.6556
Total	**0.1931**	**1.9770**	**2.4227**	**9.3700e-003**	**0.3403**	**0.0403**	**0.3805**	**0.0917**	**0.0370**	**0.1288**		**834.6088**	**834.6088**	**0.0121**		**834.8629**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9643	0.0000	0.9643	0.1460	0.0000	0.1460			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0400		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**0.4739**	**2.0535**	**23.8257**	**0.0400**	**0.9643**	**9.4800e-003**	**0.9738**	**0.1460**	**9.4800e-003**	**0.1555**	**0.0000**	**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1493	1.9225	1.7365	7.2500e-003	0.1726	0.0390	0.2116	0.0473	0.0359	0.0831		682.0991	682.0991	5.1500e-003		682.2073
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0546	0.6862	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5097	152.5097	6.9500e-003		152.6556
Total	**0.1931**	**1.9770**	**2.4227**	**9.3700e-003**	**0.3403**	**0.0403**	**0.3805**	**0.0917**	**0.0370**	**0.1288**		**834.6088**	**834.6088**	**0.0121**		**834.8629**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1827	0.0000	6.1827	3.3340	0.0000	3.3340			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**6.1827**	**2.2619**	**8.4447**	**3.3340**	**2.0810**	**5.4149**		**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4476	31.5239	28.4747	0.1189	2.8300	0.6390	3.4690	0.7751	0.5878	1.3629		11,184.8862	11,184.8862	0.0845		11,186.6603
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0727	0.9149	2.8200e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		203.3463	203.3463	9.2700e-003		203.5409
Total	**2.5059**	**31.5967**	**29.3897**	**0.1217**	**3.0536**	**0.6407**	**3.6942**	**0.8344**	**0.5894**	**1.4238**		**11,388.2325**	**11,388.2325**	**0.0938**		**11,390.2011**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7822	0.0000	2.7822	1.5003	0.0000	1.5003			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7822**	**0.0151**	**2.7974**	**1.5003**	**0.0151**	**1.5154**	**0.0000**	**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4476	31.5239	28.4747	0.1189	2.8300	0.6390	3.4690	0.7751	0.5878	1.3629		11,184.8862	11,184.8862	0.0845		11,186.6603
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0727	0.9149	2.8200e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		203.3463	203.3463	9.2700e-003		203.5409
Total	**2.5059**	**31.5967**	**29.3897**	**0.1217**	**3.0536**	**0.6407**	**3.6942**	**0.8344**	**0.5894**	**1.4238**		**11,388.2325**	**11,388.2325**	**0.0938**		**11,390.2011**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2014	17.4549	28.5687	0.0764	2.2136	0.3352	2.5488	0.6305	0.3084	0.9389		7,152.7514	7,152.7514	0.0511		7,153.8249
Worker	3.1574	3.8878	49.1827	0.1617	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		11,442.4415	11,442.4415	0.5069		11,453.0868
Total	**5.3588**	**21.3427**	**77.7514**	**0.2381**	**14.9896**	**0.4329**	**15.4225**	**4.0188**	**0.3990**	**4.4178**		**18,595.1929**	**18,595.1929**	**0.5580**		**18,606.9117**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2014	17.4549	28.5687	0.0764	2.2136	0.3352	2.5488	0.6305	0.3084	0.9389		7,152.7514	7,152.7514	0.0511		7,153.8249
Worker	3.1574	3.8878	49.1827	0.1617	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		11,442.4415	11,442.4415	0.5069		11,453.0868
Total	**5.3588**	**21.3427**	**77.7514**	**0.2381**	**14.9896**	**0.4329**	**15.4225**	**4.0188**	**0.3990**	**4.4178**		**18,595.1929**	**18,595.1929**	**0.5580**		**18,606.9117**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1568	15.8452	27.9077	0.0763	2.2136	0.3315	2.5451	0.6305	0.3050	0.9355		7,146.3541	7,146.3541	0.0522		7,147.4509
Worker	2.9898	3.6473	46.3070	0.1617	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		11,253.7458	11,253.7458	0.4854		11,263.9388
Total	**5.1466**	**19.4926**	**74.2147**	**0.2380**	**14.9897**	**0.4291**	**15.4188**	**4.0188**	**0.3956**	**4.4143**		**18,400.1000**	**18,400.1000**	**0.5376**		**18,411.3897**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1568	15.8452	27.9077	0.0763	2.2136	0.3315	2.5451	0.6305	0.3050	0.9355		7,146.3541	7,146.3541	0.0522		7,147.4509
Worker	2.9898	3.6473	46.3070	0.1617	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		11,253.7458	11,253.7458	0.4854		11,263.9388
Total	**5.1466**	**19.4926**	**74.2147**	**0.2380**	**14.9897**	**0.4291**	**15.4188**	**4.0188**	**0.3956**	**4.4143**		**18,400.1000**	**18,400.1000**	**0.5376**		**18,411.3897**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**57.8268**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6326	0.7789	9.8538	0.0324	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,292.4927	2,292.4927	0.1016		2,294.6254
Total	**0.6326**	**0.7789**	**9.8538**	**0.0324**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,292.4927**	**2,292.4927**	**0.1016**		**2,294.6254**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6326	0.7789	9.8538	0.0324	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,292.4927	2,292.4927	0.1016		2,294.6254
Total	**0.6326**	**0.7789**	**9.8538**	**0.0324**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,292.4927**	**2,292.4927**	**0.1016**		**2,294.6254**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**57.8124**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5990	0.7307	9.2776	0.0324	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,254.6875	2,254.6875	0.0973		2,256.7297
Total	**0.5990**	**0.7307**	**9.2776**	**0.0324**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,254.6875**	**2,254.6875**	**0.0973**		**2,256.7297**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0183		281.8329
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.8329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5990	0.7307	9.2776	0.0324	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,254.6875	2,254.6875	0.0973		2,256.7297
Total	**0.5990**	**0.7307**	**9.2776**	**0.0324**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,254.6875**	**2,254.6875**	**0.0973**		**2,256.7297**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131		2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**		**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0479	0.6077	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		147.6870	147.6870	6.3700e-003		147.8207
Total	**0.0392**	**0.0479**	**0.6077**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**147.6870**	**147.6870**	**6.3700e-003**		**147.8207**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0479	0.6077	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		147.6870	147.6870	6.3700e-003		147.8207
Total	**0.0392**	**0.0479**	**0.6077**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**147.6870**	**147.6870**	**6.3700e-003**		**147.8207**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	51.1777	95.0051	443.2513	1.3360	86.8310	1.7660	88.5969	23.2043	1.6294	24.8338		100,938.6637	100,938.6637	3.3649		101,009.3270
Unmitigated	56.7725	130.9294	588.9178	1.9863	131.0810	2.5686	133.6496	35.0295	2.3696	37.3992		150,048.0055	150,048.0055	4.8680		150,150.2342

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,176.00	1,432.00	1214.00	4,162,091	2,881,466
Condo/Townhouse High Rise	3,410.40	4,152.80	3520.60	12,070,064	8,356,252
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	6,126.41	0.00	0.00	13,513,671	8,716,444
High Turnover (Sit Down Restaurant)	1,017.20	1,266.96	1054.72	1,442,202	950,727
Hotel	1,634.00	1,638.00	1190.00	3,749,016	2,465,413
Library	3,533.72	4,282.60	2345.08	8,762,925	5,655,704
Regional Shopping Center	3,238.08	1,599.04	807.68	5,746,096	3,781,132
Total	20,246.76	14,482.35	10,243.03	49,765,327	33,016,588

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
NaturalGas Unmitigated	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	22891.8	0.2469	2.1096	0.8977	0.0135		0.1706	0.1706		0.1706	0.1706		2,693.1499	2,693.1499	0.0516	0.0494	2,709.5399
Condo/Townhouse High Rise	7893.72	0.0851	0.7275	0.3096	4.6400e-003		0.0588	0.0588		0.0588	0.0588		928.6724	928.6724	0.0178	0.0170	934.3241
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	17242.2	0.1860	1.6904	1.4200	0.0101		0.1285	0.1285		0.1285	0.1285		2,028.4988	2,028.4988	0.0389	0.0372	2,040.8439
High Turnover (Sit Down Restaurant)	5107.07	0.0551	0.5007	0.4206	3.0000e-003		0.0381	0.0381		0.0381	0.0381		600.8316	600.8316	0.0115	0.0110	604.4882
Hotel	19906.3	0.2147	1.9516	1.6393	0.0117		0.1483	0.1483		0.1483	0.1483		2,341.9204	2,341.9204	0.0449	0.0429	2,356.1729
Library	4741.15	0.0511	0.4648	0.3905	2.7900e-003		0.0353	0.0353		0.0353	0.0353		557.7824	557.7824	0.0107	0.0102	561.1770
Regional Shopping Center	149.041	1.6100e-003	0.0146	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.5343	17.5343	3.4000e-004	3.2000e-004	17.6410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.8405**	**7.4592**	**5.0899**	**0.0458**		**0.5807**	**0.5807**		**0.5807**	**0.5807**		**9,168.3897**	**9,168.3897**	**0.1757**	**0.1681**	**9,224.1869**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	6.63837	0.0716	0.6118	0.2603	3.9000e-003		0.0495	0.0495		0.0495	0.0495		780.9846	780.9846	0.0150	0.0143	785.7376
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	13.9168	0.1501	1.3644	1.1461	8.1900e-003		0.1037	0.1037		0.1037	0.1037		1,637.2751	1,637.2751	0.0314	0.0300	1,647.2392
High Turnover (Sit Down Restaurant)	4.9088	0.0529	0.4813	0.4043	2.8900e-003		0.0366	0.0366		0.0366	0.0366		577.5059	577.5059	0.0111	0.0106	581.0205
Hotel	16.5711	0.1787	1.6246	1.3647	9.7500e-003		0.1235	0.1235		0.1235	0.1235		1,949.5411	1,949.5411	0.0374	0.0357	1,961.4057
Library	4.01725	0.0433	0.3939	0.3308	2.3600e-003		0.0299	0.0299		0.0299	0.0299		472.6176	472.6176	9.0600e-003	8.6600e-003	475.4938
Regional Shopping Center	0.127825	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0382	15.0382	2.9000e-004	2.8000e-004	15.1297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	19.2513	0.2076	1.7741	0.7550	0.0113		0.1434	0.1434		0.1434	0.1434		2,264.8554	2,264.8554	0.0434	0.0415	2,278.6390
Total		**0.7056**	**6.2626**	**4.2717**	**0.0385**		**0.4875**	**0.4875**		**0.4875**	**0.4875**		**7,697.8178**	**7,697.8178**	**0.1476**	**0.1411**	**7,744.6655**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	61.3857	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Unmitigated	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1241					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9892	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559		116.3950	116.3950	0.1144		118.7972
Total	**64.8879**	**0.7490**	**64.8110**	**3.4200e-003**		**0.3559**	**0.3559**		**0.3559**	**0.3559**	**0.0000**	**116.3950**	**116.3950**	**0.1144**	**0.0000**	**118.7972**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	8.0921					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5190	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101		98.8792	98.8792	0.0869		100.7050
Total	**61.3857**	**0.6697**	**56.9957**	**2.8200e-003**		**0.3101**	**0.3101**		**0.3101**	**0.3101**	**0.0000**	**98.8792**	**98.8792**	**0.0869**	**0.0000**	**100.7050**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Long Beach Civic Center

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	575.79	1000sqft	3.78	575,793.00	0
Library	92.00	1000sqft	1.73	92,000.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.00	8,000.00	0
Hotel	200.00	Room	0.00	290,400.00	0
Condo/Townhouse High Rise	200.00	Dwelling Unit	0.90	235,000.00	572
Condo/Townhouse High Rise	580.00	Dwelling Unit	6.29	650,000.00	1659
Regional Shopping Center	32.00	1000sqft	0.00	32,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

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tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76

tblVehicleEF	LDT1	3.77	3.19
tblVehicleEF	LDT1	303.51	294.33
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52

tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93

tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95
tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28

tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35
tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18

tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10

tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40

tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06

tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.2300e-004	5.1800e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003

tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48

tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004

tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.53	1.30
tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06

tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003

tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004

tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003
tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004

tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21

tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35

tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003

tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06
tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10

tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08

tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40

tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85
tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004

tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35
tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003

tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24

tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52
tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68

tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88
tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17

tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004

tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	39.00	0.00
tblWoodstoves	NumberNoncatalytic	39.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.5093	163.8386	197.2309	0.3777	23.0128	6.5144	29.5272	7.8547	6.0314	13.8861	0.0000	35,587.1767	35,587.1767	3.4059	0.0000	35,658.7005
2017	38.0558	151.1470	184.8872	0.3774	26.2319	5.9721	32.2040	8.6450	5.5287	14.1737	0.0000	34,737.1330	34,737.1330	3.3355	0.0000	34,807.1777
2018	46.8248	75.0855	140.1807	0.3122	17.7166	3.1320	20.8486	4.7419	2.9241	7.6660	0.0000	26,864.4925	26,864.4925	2.1439	0.0000	26,909.5148
2019	47.6767	136.5386	173.4646	0.4129	23.6533	5.6484	28.4622	8.0279	5.2254	12.4788	0.0000	36,587.8535	36,587.8535	3.9613	0.0000	36,671.0401
2020	15.1353	126.7817	173.0115	0.4369	24.2259	4.4851	28.7110	8.1871	4.1497	12.3367	0.0000	37,858.2649	37,858.2649	3.2299	0.0000	37,926.0928
2021	65.9505	41.8321	107.3338	0.2874	17.5493	1.5040	19.0533	4.6976	1.4115	6.1091	0.0000	22,789.5839	22,789.5839	1.2934	0.0000	22,816.7449
2022	65.4848	37.9452	103.0679	0.2873	17.5493	1.3387	18.8880	4.6976	1.2559	5.9535	0.0000	22,570.1567	22,570.1567	1.2636	0.0000	22,596.6932
Total	**298.6370**	**733.1687**	**1,079.1766**	**2.4917**	**149.9391**	**28.5946**	**177.6943**	**46.8519**	**26.5264**	**72.6038**	**0.0000**	**216,994.6612**	**216,994.6612**	**18.6335**	**0.0000**	**217,385.9640**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	10.7065	66.0252	181.7766	0.3777	19.6526	0.9840	20.6366	6.0272	0.9066	6.9338	0.0000	35,587.1767	35,587.1767	3.4059	0.0000	35,658.7005
2017	33.3444	60.6560	172.1428	0.3774	22.8717	0.8949	23.7666	6.8175	0.8251	7.6426	0.0000	34,737.1330	34,737.1330	3.3355	0.0000	34,807.1777
2018	42.8767	36.2033	142.4705	0.3122	17.7166	0.5607	18.2773	4.7419	0.5174	5.2593	0.0000	26,864.4925	26,864.4925	2.1439	0.0000	26,909.5147
2019	42.3419	63.7517	168.2452	0.4129	20.2495	1.0402	21.2897	6.1946	0.9593	7.1539	0.0000	36,587.8534	36,587.8534	3.9613	0.0000	36,671.0401
2020	9.5568	63.8205	169.9671	0.4369	20.8254	1.1315	21.9570	6.3534	1.0434	7.3968	0.0000	37,858.2649	37,858.2649	3.2299	0.0000	37,926.0928
2021	64.1947	25.3226	108.2220	0.2874	17.5493	0.4617	18.0110	4.6976	0.4262	5.1238	0.0000	22,789.5839	22,789.5839	1.2934	0.0000	22,816.7449
2022	63.9373	23.3580	104.1702	0.2873	17.5493	0.4579	18.0073	4.6976	0.4227	5.1203	0.0000	22,570.1567	22,570.1567	1.2636	0.0000	22,596.6932
Total	**266.9583**	**339.1374**	**1,046.9943**	**2.4917**	**136.4144**	**5.5309**	**141.9454**	**39.5298**	**5.1008**	**44.6306**	**0.0000**	**216,994.6611**	**216,994.6611**	**18.6335**	**0.0000**	**217,385.9639**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.61**	**53.74**	**2.98**	**0.00**	**9.02**	**80.66**	**20.12**	**15.63**	**80.77**	**38.53**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972
Energy	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869
Mobile	58.5172	137.4439	589.8664	1.8868	131.0810	2.5774	133.6584	35.0295	2.3777	37.4072		143,001.9016	143,001.9016	4.8759		143,104.2958
Total	**124.2455**	**145.6522**	**659.7673**	**1.9361**	**131.0810**	**3.5139**	**134.5949**	**35.0295**	**3.3143**	**38.3438**	**0.0000**	**152,286.6863**	**152,286.6863**	**5.1660**	**0.1681**	**152,447.2799**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	61.3857	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Energy	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
Mobile	53.1204	99.4005	459.8599	1.2697	86.8310	1.7747	88.6057	23.2043	1.6375	24.8418		96,203.0437	96,203.0437	3.3728		96,273.8724
Total	**115.2117**	**106.3328**	**521.1272**	**1.3110**	**86.8310**	**2.5724**	**89.4033**	**23.2043**	**2.4351**	**25.6395**	**0.0000**	**103,999.7407**	**103,999.7407**	**3.6073**	**0.1411**	**104,119.2428**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.27**	**27.00**	**21.01**	**32.29**	**33.76**	**26.79**	**33.58**	**33.76**	**26.53**	**33.13**	**0.00**	**31.71**	**31.71**	**30.17**	**16.04**	**31.70**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 475,875; Residential Outdoor: 158,625; Non-Residential Indoor: 150,000; Non-Residential Outdoor: 50,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38
Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40

Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29
Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7615	0.0000	4.7615	0.7209	0.0000	0.7209			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**4.7615**	**2.2921**	**7.0537**	**0.7209**	**2.1365**	**2.8575**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3976	6.2495	4.8898	0.0162	0.3833	0.0960	0.4793	0.1050	0.0883	0.1932		1,631.0464	1,631.0464	0.0118		1,631.2936
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.4616**	**6.3355**	**5.7881**	**0.0182**	**0.5510**	**0.0974**	**0.6484**	**0.1494**	**0.0896**	**0.2390**		**1,798.4037**	**1,798.4037**	**0.0209**		**1,798.8432**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1427	0.0000	2.1427	0.3244	0.0000	0.3244			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**2.1427**	**9.4800e-003**	**2.1522**	**0.3244**	**9.4800e-003**	**0.3339**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3976	6.2495	4.8898	0.0162	0.3833	0.0960	0.4793	0.1050	0.0883	0.1932		1,631.0464	1,631.0464	0.0118		1,631.2936
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.4616**	**6.3355**	**5.7881**	**0.0182**	**0.5510**	**0.0974**	**0.6484**	**0.1494**	**0.0896**	**0.2390**		**1,798.4037**	**1,798.4037**	**0.0209**		**1,798.8432**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**6.1095**	**3.5842**	**9.6937**	**3.3228**	**3.2975**	**6.6203**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4317	22.5054	17.6088	0.0583	1.6913	0.3456	2.0369	0.4543	0.3179	0.7722		5,873.6466	5,873.6466	0.0424		5,874.5369
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**1.5170**	**22.6200**	**18.8066**	**0.0610**	**1.9149**	**0.3474**	**2.2623**	**0.5136**	**0.3196**	**0.8332**		**6,096.7896**	**6,096.7896**	**0.0546**		**6,097.9363**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4317	22.5054	17.6088	0.0583	1.6913	0.3456	2.0369	0.4543	0.3179	0.7722		5,873.6466	5,873.6466	0.0424		5,874.5369
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**1.5170**	**22.6200**	**18.8066**	**0.0610**	**1.9149**	**0.3474**	**2.2623**	**0.5136**	**0.3196**	**0.8332**		**6,096.7896**	**6,096.7896**	**0.0546**		**6,097.9363**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**6.1095**	**3.3172**	**9.4266**	**3.3228**	**3.0518**	**6.3746**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3474	20.6264	16.9960	0.0582	4.9098	0.3158	5.2255	1.2443	0.2905	1.5348		5,777.2137	5,777.2137	0.0415		5,778.0859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.1035	1.0796	2.6500e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		214.5722	214.5722	0.0113		214.8087
Total	**1.4239**	**20.7299**	**18.0756**	**0.0609**	**5.1333**	**0.3176**	**5.4509**	**1.3036**	**0.2921**	**1.5958**		**5,991.7859**	**5,991.7859**	**0.0528**		**5,992.8946**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3474	20.6264	16.9960	0.0582	4.9098	0.3158	5.2255	1.2443	0.2905	1.5348		5,777.2137	5,777.2137	0.0415		5,778.0859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.1035	1.0796	2.6500e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		214.5722	214.5722	0.0113		214.8087
Total	**1.4239**	**20.7299**	**18.0756**	**0.0609**	**5.1333**	**0.3176**	**5.4509**	**1.3036**	**0.2921**	**1.5958**		**5,991.7859**	**5,991.7859**	**0.0528**		**5,992.8946**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.2313	31.3458	42.3245	0.0764	2.2124	0.5086	2.7210	0.6301	0.4677	1.0978		7,653.4946	7,653.4946	0.0567		7,654.6859
Worker	4.8753	6.5528	68.4557	0.1517	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		12,752.6253	12,752.6253	0.6976		12,767.2738
Total	**8.1066**	**37.8985**	**110.7802**	**0.2282**	**14.9885**	**0.6153**	**15.6038**	**4.0183**	**0.5658**	**4.5842**		**20,406.1199**	**20,406.1199**	**0.7543**		**20,421.9598**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.2313	31.3458	42.3245	0.0764	2.2124	0.5086	2.7210	0.6301	0.4677	1.0978		7,653.4946	7,653.4946	0.0567		7,654.6859
Worker	4.8753	6.5528	68.4557	0.1517	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		12,752.6253	12,752.6253	0.6976		12,767.2738
Total	**8.1066**	**37.8985**	**110.7802**	**0.2282**	**14.9885**	**0.6153**	**15.6038**	**4.0183**	**0.5658**	**4.5842**		**20,406.1199**	**20,406.1199**	**0.7543**		**20,421.9598**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9506	28.5049	40.1784	0.0764	2.2131	0.4534	2.6665	0.6304	0.4170	1.0473		7,529.3734	7,529.3734	0.0549		7,530.5264
Worker	4.3711	5.9145	61.6991	0.1516	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		12,262.7995	12,262.7995	0.6437		12,276.3161
Total	**7.3218**	**34.4194**	**101.8775**	**0.2280**	**14.9892**	**0.5561**	**15.5453**	**4.0186**	**0.5117**	**4.5303**		**19,792.1728**	**19,792.1728**	**0.6986**		**19,806.8426**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9506	28.5049	40.1784	0.0764	2.2131	0.4534	2.6665	0.6304	0.4170	1.0473		7,529.3734	7,529.3734	0.0549		7,530.5264
Worker	4.3711	5.9145	61.6991	0.1516	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		12,262.7995	12,262.7995	0.6437		12,276.3161
Total	**7.3218**	**34.4194**	**101.8775**	**0.2280**	**14.9892**	**0.5561**	**15.5453**	**4.0186**	**0.5117**	**4.5303**		**19,792.1728**	**19,792.1728**	**0.6986**		**19,806.8426**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7576	26.1476	38.5536	0.0762	2.2132	0.4272	2.6404	0.6304	0.3929	1.0233		7,402.8932	7,402.8932	0.0546		7,404.0400
Worker	3.9309	5.3636	55.8281	0.1515	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		11,804.9092	11,804.9092	0.5974		11,817.4538
Total	**6.6885**	**31.5112**	**94.3816**	**0.2278**	**14.9892**	**0.5272**	**15.5164**	**4.0186**	**0.4855**	**4.5041**		**19,207.8024**	**19,207.8024**	**0.6520**		**19,221.4937**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7576	26.1476	38.5536	0.0762	2.2132	0.4272	2.6404	0.6304	0.3929	1.0233		7,402.8932	7,402.8932	0.0546		7,404.0400
Worker	3.9309	5.3636	55.8281	0.1515	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		11,804.9092	11,804.9092	0.5974		11,817.4538
Total	**6.6885**	**31.5112**	**94.3816**	**0.2278**	**14.9892**	**0.5272**	**15.5164**	**4.0186**	**0.4855**	**4.5041**		**19,207.8024**	**19,207.8024**	**0.6520**		**19,221.4937**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**24.7912**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8758	1.1850	12.3614	0.0304	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,456.8513	2,456.8513	0.1290		2,459.5594
Total	**0.8758**	**1.1850**	**12.3614**	**0.0304**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,456.8513**	**2,456.8513**	**0.1290**		**2,459.5594**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**24.4886**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8758	1.1850	12.3614	0.0304	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,456.8513	2,456.8513	0.1290		2,459.5594
Total	**0.8758**	**1.1850**	**12.3614**	**0.0304**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,456.8513**	**2,456.8513**	**0.1290**		**2,459.5594**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**35.0170**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7876	1.0746	11.1852	0.0304	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,365.1131	2,365.1131	0.1197		2,367.6264
Total	**0.7876**	**1.0746**	**11.1852**	**0.0304**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,365.1131**	**2,365.1131**	**0.1197**		**2,367.6264**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7876	1.0746	11.1852	0.0304	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,365.1131	2,365.1131	0.1197		2,367.6264
Total	**0.7876**	**1.0746**	**11.1852**	**0.0304**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,365.1131**	**2,365.1131**	**0.1197**		**2,367.6264**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**34.9849**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7242	0.9854	10.2515	0.0303	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,275.0788	2,275.0788	0.1120		2,277.4314
Total	**0.7242**	**0.9854**	**10.2515**	**0.0303**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,275.0788**	**2,275.0788**	**0.1120**		**2,277.4314**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7242	0.9854	10.2515	0.0303	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,275.0788	2,275.0788	0.1120		2,277.4314
Total	**0.7242**	**0.9854**	**10.2515**	**0.0303**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,275.0788**	**2,275.0788**	**0.1120**		**2,277.4314**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0516	0.0704	0.7327	1.9900e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		154.9201	154.9201	7.8400e-003		155.0847
Total	**0.0516**	**0.0704**	**0.7327**	**1.9900e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**154.9201**	**154.9201**	**7.8400e-003**		**155.0847**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0516	0.0704	0.7327	1.9900e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		154.9201	154.9201	7.8400e-003		155.0847
Total	**0.0516**	**0.0704**	**0.7327**	**1.9900e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**154.9201**	**154.9201**	**7.8400e-003**		**155.0847**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.0474**	**0.0645**	**0.6715**	**1.9800e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**149.0226**	**149.0226**	**7.3400e-003**		**149.1767**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.0474**	**0.0645**	**0.6715**	**1.9800e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**149.0226**	**149.0226**	**7.3400e-003**		**149.1767**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2349	0.0000	1.2349	0.1870	0.0000	0.1870			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316		3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**1.2349**	**1.6448**	**2.8797**	**0.1870**	**1.5316**	**1.7185**		**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0919	1.2880	1.1804	4.1800e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0482		401.4527	401.4527	3.0100e-003		401.5160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.1393**	**1.3525**	**1.8519**	**6.1600e-003**	**0.2672**	**0.0240**	**0.2912**	**0.0717**	**0.0221**	**0.0938**		**550.4753**	**550.4753**	**0.0104**		**550.6927**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5557	0.0000	0.5557	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**0.5557**	**9.4800e-003**	**0.5652**	**0.0841**	**9.4800e-003**	**0.0936**	**0.0000**	**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0919	1.2880	1.1804	4.1800e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0482		401.4527	401.4527	3.0100e-003		401.5160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.1393**	**1.3525**	**1.8519**	**6.1600e-003**	**0.2672**	**0.0240**	**0.2912**	**0.0717**	**0.0221**	**0.0938**		**550.4753**	**550.4753**	**0.0104**		**550.6927**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1888	0.0000	6.1888	3.3333	0.0000	3.3333			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**6.1888**	**2.5049**	**8.6937**	**3.3333**	**2.3045**	**5.6378**		**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0782	29.1403	26.7055	0.0945	2.2516	0.5138	2.7654	0.6166	0.4727	1.0893		9,082.7608	9,082.7608	0.0682		9,084.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0861	0.8953	2.6500e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		198.6968	198.6968	9.7800e-003		198.9023
Total	**2.1415**	**29.2264**	**27.6008**	**0.0972**	**2.4751**	**0.5156**	**2.9907**	**0.6759**	**0.4743**	**1.1502**		**9,281.4576**	**9,281.4576**	**0.0780**		**9,283.0947**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7849	0.0000	2.7849	1.5000	0.0000	1.5000			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7849**	**0.0151**	**2.8001**	**1.5000**	**0.0151**	**1.5151**	**0.0000**	**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0782	29.1403	26.7055	0.0945	2.2516	0.5138	2.7654	0.6166	0.4727	1.0893		9,082.7608	9,082.7608	0.0682		9,084.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0861	0.8953	2.6500e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		198.6968	198.6968	9.7800e-003		198.9023
Total	**2.1415**	**29.2264**	**27.6008**	**0.0972**	**2.4751**	**0.5156**	**2.9907**	**0.6759**	**0.4743**	**1.1502**		**9,281.4576**	**9,281.4576**	**0.0780**		**9,283.0947**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1429	0.0000	2.1429	0.3245	0.0000	0.3245			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865		3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**2.1429**	**1.4899**	**3.6327**	**0.3245**	**1.3865**	**1.7110**		**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1559	1.9913	2.0213	7.2400e-003	0.1726	0.0391	0.2116	0.0473	0.0359	0.0832		680.4683	680.4683	5.2300e-003		680.5781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0598	0.6246	1.9800e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		142.9673	142.9673	6.9500e-003		143.1132
Total	**0.2004**	**2.0511**	**2.6459**	**9.2200e-003**	**0.3403**	**0.0403**	**0.3806**	**0.0917**	**0.0371**	**0.1288**		**823.4356**	**823.4356**	**0.0122**		**823.6914**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9643	0.0000	0.9643	0.1460	0.0000	0.1460			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0400		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**0.4739**	**2.0535**	**23.8257**	**0.0400**	**0.9643**	**9.4800e-003**	**0.9738**	**0.1460**	**9.4800e-003**	**0.1555**	**0.0000**	**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1559	1.9913	2.0213	7.2400e-003	0.1726	0.0391	0.2116	0.0473	0.0359	0.0832		680.4683	680.4683	5.2300e-003		680.5781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0598	0.6246	1.9800e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		142.9673	142.9673	6.9500e-003		143.1132
Total	**0.2004**	**2.0511**	**2.6459**	**9.2200e-003**	**0.3403**	**0.0403**	**0.3806**	**0.0917**	**0.0371**	**0.1288**		**823.4356**	**823.4356**	**0.0122**		**823.6914**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1827	0.0000	6.1827	3.3340	0.0000	3.3340			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**6.1827**	**2.2619**	**8.4447**	**3.3340**	**2.0810**	**5.4149**		**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5564	32.6529	33.1448	0.1187	2.8300	0.6403	3.4703	0.7751	0.5890	1.3641		11,158.1446	11,158.1446	0.0858		11,159.9455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0797	0.8328	2.6400e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		190.6230	190.6230	9.2700e-003		190.8176
Total	**2.6157**	**32.7327**	**33.9776**	**0.1213**	**3.0536**	**0.6420**	**3.6955**	**0.8344**	**0.5906**	**1.4250**		**11,348.7676**	**11,348.7676**	**0.0950**		**11,350.7631**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7822	0.0000	2.7822	1.5003	0.0000	1.5003			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7822**	**0.0151**	**2.7974**	**1.5003**	**0.0151**	**1.5154**	**0.0000**	**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5564	32.6529	33.1448	0.1187	2.8300	0.6403	3.4703	0.7751	0.5890	1.3641		11,158.1446	11,158.1446	0.0858		11,159.9455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0797	0.8328	2.6400e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		190.6230	190.6230	9.2700e-003		190.8176
Total	**2.6157**	**32.7327**	**33.9776**	**0.1213**	**3.0536**	**0.6420**	**3.6955**	**0.8344**	**0.5906**	**1.4250**		**11,348.7676**	**11,348.7676**	**0.0950**		**11,350.7631**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3842	17.8517	35.3378	0.0758	2.2136	0.3377	2.5513	0.6305	0.3107	0.9412		7,092.0130	7,092.0130	0.0530		7,093.1258
Worker	3.2044	4.2598	44.6876	0.1515	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		10,724.6567	10,724.6567	0.5069		10,735.3020
Total	**5.5886**	**22.1115**	**80.0254**	**0.2273**	**14.9896**	**0.4355**	**15.4251**	**4.0188**	**0.4014**	**4.4201**		**17,816.6696**	**17,816.6696**	**0.5599**		**17,828.4278**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3842	17.8517	35.3378	0.0758	2.2136	0.3377	2.5513	0.6305	0.3107	0.9412		7,092.0130	7,092.0130	0.0530		7,093.1258
Worker	3.2044	4.2598	44.6876	0.1515	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		10,724.6567	10,724.6567	0.5069		10,735.3020
Total	**5.5886**	**22.1115**	**80.0254**	**0.2273**	**14.9896**	**0.4355**	**15.4251**	**4.0188**	**0.4014**	**4.4201**		**17,816.6696**	**17,816.6696**	**0.5599**		**17,828.4278**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3306	16.2058	34.5106	0.0757	2.2136	0.3340	2.5476	0.6305	0.3073	0.9378		7,085.6561	7,085.6561	0.0542		7,086.7937
Worker	3.0346	3.9943	42.0012	0.1514	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		10,546.3434	10,546.3434	0.4854		10,556.5364
Total	**5.3652**	**20.2001**	**76.5118**	**0.2272**	**14.9897**	**0.4317**	**15.4213**	**4.0188**	**0.3979**	**4.4166**		**17,631.9996**	**17,631.9996**	**0.5396**		**17,643.3301**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3306	16.2058	34.5106	0.0757	2.2136	0.3340	2.5476	0.6305	0.3073	0.9378		7,085.6561	7,085.6561	0.0542		7,086.7937
Worker	3.0346	3.9943	42.0012	0.1514	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		10,546.3434	10,546.3434	0.4854		10,556.5364
Total	**5.3652**	**20.2001**	**76.5118**	**0.2272**	**14.9897**	**0.4317**	**15.4213**	**4.0188**	**0.3979**	**4.4166**		**17,631.9996**	**17,631.9996**	**0.5396**		**17,643.3301**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**57.8268**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6420	0.8535	8.9532	0.0303	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,148.6845	2,148.6845	0.1016		2,150.8173
Total	**0.6420**	**0.8535**	**8.9532**	**0.0303**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,148.6845**	**2,148.6845**	**0.1016**		**2,150.8173**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6420	0.8535	8.9532	0.0303	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,148.6845	2,148.6845	0.1016		2,150.8173
Total	**0.6420**	**0.8535**	**8.9532**	**0.0303**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,148.6845**	**2,148.6845**	**0.1016**		**2,150.8173**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**57.8124**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6080	0.8003	8.4149	0.0303	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,112.9595	2,112.9595	0.0973		2,115.0016
Total	**0.6080**	**0.8003**	**8.4149**	**0.0303**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,112.9595**	**2,112.9595**	**0.0973**		**2,115.0016**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0183		281.8329
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.8329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6080	0.8003	8.4149	0.0303	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,112.9595	2,112.9595	0.0973		2,115.0016
Total	**0.6080**	**0.8003**	**8.4149**	**0.0303**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,112.9595**	**2,112.9595**	**0.0973**		**2,115.0016**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131		2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**		**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0524	0.5512	1.9900e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		138.4035	138.4035	6.3700e-003		138.5372
Total	**0.0398**	**0.0524**	**0.5512**	**1.9900e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**138.4035**	**138.4035**	**6.3700e-003**		**138.5372**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0524	0.5512	1.9900e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		138.4035	138.4035	6.3700e-003		138.5372
Total	**0.0398**	**0.0524**	**0.5512**	**1.9900e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**138.4035**	**138.4035**	**6.3700e-003**		**138.5372**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	53.1204	99.4005	459.8599	1.2697	86.8310	1.7747	88.6057	23.2043	1.6375	24.8418		96,203.0437	96,203.0437	3.3728		96,273.8724
Unmitigated	58.5172	137.4439	589.8664	1.8868	131.0810	2.5774	133.6584	35.0295	2.3777	37.4072		143,001.9016	143,001.9016	4.8759		143,104.2958

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,176.00	1,432.00	1214.00	4,162,091	2,881,466
Condo/Townhouse High Rise	3,410.40	4,152.80	3520.60	12,070,064	8,356,252
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	6,126.41	0.00	0.00	13,513,671	8,716,444
High Turnover (Sit Down Restaurant)	1,017.20	1,266.96	1054.72	1,442,202	950,727
Hotel	1,634.00	1,638.00	1190.00	3,749,016	2,465,413
Library	3,533.72	4,282.60	2345.08	8,762,925	5,655,704
Regional Shopping Center	3,238.08	1,599.04	807.68	5,746,096	3,781,132
Total	20,246.76	14,482.35	10,243.03	49,765,327	33,016,588

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
NaturalGas Unmitigated	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	22891.8	0.2469	2.1096	0.8977	0.0135		0.1706	0.1706		0.1706	0.1706		2,693.1499	2,693.1499	0.0516	0.0494	2,709.5399
Condo/Townhouse High Rise	7893.72	0.0851	0.7275	0.3096	4.6400e-003		0.0588	0.0588		0.0588	0.0588		928.6724	928.6724	0.0178	0.0170	934.3241
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	17242.2	0.1860	1.6904	1.4200	0.0101		0.1285	0.1285		0.1285	0.1285		2,028.4988	2,028.4988	0.0389	0.0372	2,040.8439
High Turnover (Sit Down Restaurant)	5107.07	0.0551	0.5007	0.4206	3.0000e-003		0.0381	0.0381		0.0381	0.0381		600.8316	600.8316	0.0115	0.0110	604.4882
Hotel	19906.3	0.2147	1.9516	1.6393	0.0117		0.1483	0.1483		0.1483	0.1483		2,341.9204	2,341.9204	0.0449	0.0429	2,356.1729
Library	4741.15	0.0511	0.4648	0.3905	2.7900e-003		0.0353	0.0353		0.0353	0.0353		557.7824	557.7824	0.0107	0.0102	561.1770
Regional Shopping Center	149.041	1.6100e-003	0.0146	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.5343	17.5343	3.4000e-004	3.2000e-004	17.6410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.8405**	**7.4592**	**5.0899**	**0.0458**		**0.5807**	**0.5807**		**0.5807**	**0.5807**		**9,168.3897**	**9,168.3897**	**0.1757**	**0.1681**	**9,224.1869**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	19.2513	0.2076	1.7741	0.7550	0.0113		0.1434	0.1434		0.1434	0.1434		2,264.8554	2,264.8554	0.0434	0.0415	2,278.6390
Condo/Townhouse High Rise	6.63837	0.0716	0.6118	0.2603	3.9000e-003		0.0495	0.0495		0.0495	0.0495		780.9846	780.9846	0.0150	0.0143	785.7376
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	13.9168	0.1501	1.3644	1.1461	8.1900e-003		0.1037	0.1037		0.1037	0.1037		1,637.2751	1,637.2751	0.0314	0.0300	1,647.2392
High Turnover (Sit Down Restaurant)	4.9088	0.0529	0.4813	0.4043	2.8900e-003		0.0366	0.0366		0.0366	0.0366		577.5059	577.5059	0.0111	0.0106	581.0205
Hotel	16.5711	0.1787	1.6246	1.3647	9.7500e-003		0.1235	0.1235		0.1235	0.1235		1,949.5411	1,949.5411	0.0374	0.0357	1,961.4057
Library	4.01725	0.0433	0.3939	0.3308	2.3600e-003		0.0299	0.0299		0.0299	0.0299		472.6176	472.6176	9.0600e-003	8.6600e-003	475.4938
Regional Shopping Center	0.127825	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0382	15.0382	2.9000e-004	2.8000e-004	15.1297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.7056**	**6.2626**	**4.2717**	**0.0385**		**0.4875**	**0.4875**		**0.4875**	**0.4875**		**7,697.8178**	**7,697.8178**	**0.1476**	**0.1411**	**7,744.6655**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	61.3857	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Unmitigated	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1241					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9892	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559		116.3950	116.3950	0.1144		118.7972
Total	**64.8879**	**0.7490**	**64.8110**	**3.4200e-003**		**0.3559**	**0.3559**		**0.3559**	**0.3559**	**0.0000**	**116.3950**	**116.3950**	**0.1144**	**0.0000**	**118.7972**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	8.0921					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5190	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101		98.8792	98.8792	0.0869		100.7050
Total	**61.3857**	**0.6697**	**56.9957**	**2.8200e-003**		**0.3101**	**0.3101**		**0.3101**	**0.3101**	**0.0000**	**98.8792**	**98.8792**	**0.0869**	**0.0000**	**100.7050**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Long Beach Civic Center - Existing

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	283.00	1000sqft	3.40	283,000.00	0
Library	138.00	1000sqft	2.10	138,000.00	0
City Park	2.60	Acre	2.60	113,256.00	0
Enclosed Parking with Elevator	3.25	Acre	3.25	141,570.00	0
Parking Lot	0.83	Acre	0.83	36,154.80	0
Parking Lot	1.80	Acre	1.80	78,408.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Estimated from Google Earth. Old Courthouse not included as it is non-operational.

Vehicle Trips - From Traffic Study, LLG 2015.

Mobile Land Use Mitigation -

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113.

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblLandUse	LotAcreage	6.50	3.40
tblLandUse	LotAcreage	3.17	2.10
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	27.92	10.23
tblVehicleTrips	WD_TR	56.24	33.87

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.7487	6.0800	6.5811	0.0112	0.6419	0.3107	0.9526	0.2171	0.2900	0.5071	0.0000	963.2863	963.2863	0.1214	0.0000	965.8361
2017	8.1594	2.1445	2.6478	5.1000e-003	0.2130	0.1109	0.3240	0.0574	0.1039	0.1612	0.0000	422.8125	422.8125	0.0448	0.0000	423.7523
Total	**8.9081**	**8.2245**	**9.2289**	**0.0163**	**0.8550**	**0.4216**	**1.2766**	**0.2745**	**0.3938**	**0.6683**	**0.0000**	**1,386.0988**	**1,386.0988**	**0.1662**	**0.0000**	**1,389.5884**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.7487	6.0800	6.5811	0.0112	0.6419	0.3107	0.9526	0.2171	0.2900	0.5071	0.0000	963.2858	963.2858	0.1214	0.0000	965.8357
2017	8.1594	2.1445	2.6478	5.1000e-003	0.2130	0.1109	0.3239	0.0574	0.1039	0.1612	0.0000	422.8123	422.8123	0.0448	0.0000	423.7521
Total	**8.9081**	**8.2245**	**9.2289**	**0.0163**	**0.8550**	**0.4216**	**1.2765**	**0.2745**	**0.3938**	**0.6683**	**0.0000**	**1,386.0981**	**1,386.0981**	**0.1662**	**0.0000**	**1,389.5877**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.6437	5.0000e-005	5.6700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0113
Energy	0.0307	0.2789	0.2343	1.6700e-003		0.0212	0.0212		0.0212	0.0212	0.0000	2,258.0727	2,258.0727	0.0957	0.0242	2,267.5691
Mobile	4.7634	13.3691	52.1107	0.1037	7.0692	0.1826	7.2518	1.8914	0.1678	2.0592	0.0000	8,498.2566	8,498.2566	0.3737	0.0000	8,506.1044
Waste						0.0000	0.0000		0.0000	0.0000	353.2875	0.0000	353.2875	20.8787	0.0000	791.7401
Water						0.0000	0.0000		0.0000	0.0000	19.2061	366.4507	385.6568	1.9895	0.0501	442.9559
Total	**8.4378**	**13.6480**	**52.3506**	**0.1054**	**7.0692**	**0.2038**	**7.2730**	**1.8914**	**0.1890**	**2.0804**	**372.4936**	**11,122.7906**	**11,495.2842**	**23.3376**	**0.0742**	**12,008.3808**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.3289	5.0000e-005	5.6700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0113
Energy	0.0307	0.2789	0.2343	1.6700e-003		0.0212	0.0212		0.0212	0.0212	0.0000	2,258.0727	2,258.0727	0.0957	0.0242	2,267.5691
Mobile	4.4118	10.6999	43.5045	0.0800	5.4020	0.1423	5.5443	1.4453	0.1307	1.5760	0.0000	6,555.9007	6,555.9007	0.2948	0.0000	6,562.0915
Waste						0.0000	0.0000		0.0000	0.0000	353.2875	0.0000	353.2875	20.8787	0.0000	791.7401
Water						0.0000	0.0000		0.0000	0.0000	19.2061	366.4507	385.6568	1.9891	0.0500	442.9252
Total	**7.7714**	**10.9788**	**43.7445**	**0.0817**	**5.4020**	**0.1635**	**5.5655**	**1.4453**	**0.1519**	**1.5972**	**372.4936**	**9,180.4347**	**9,552.9283**	**23.2583**	**0.0741**	**10,064.3372**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.90**	**19.56**	**16.44**	**22.46**	**23.58**	**19.79**	**23.48**	**23.58**	**19.61**	**23.22**	**0.00**	**17.46**	**16.90**	**0.34**	**0.09**	**16.19**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	1/28/2016	5	20	
2	Site Preparation	Site Preparation	1/29/2016	2/11/2016	5	10	
3	Grading	Grading	2/12/2016	3/24/2016	5	30	
4	Building Construction	Building Construction	3/25/2016	5/18/2017	5	300	
5	Paving	Paving	5/19/2017	6/15/2017	5	20	
6	Architectural Coating	Architectural Coating	6/16/2017	7/13/2017	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,018,894; Non-Residential Outdoor: 339,631 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	125	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	304.00	130.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	61.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0974	37.0974	0.0101	0.0000	37.3092
Total	**0.0429**	**0.4566**	**0.3503**	**4.0000e-004**		**0.0229**	**0.0229**		**0.0214**	**0.0214**	**0.0000**	**37.0974**	**37.0974**	**0.0101**	**0.0000**	**37.3092**

3.2 Demolition - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	8.9000e-004	9.2000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5418	1.5418	8.0000e-005	0.0000	1.5436
Total	**6.0000e-004**	**8.9000e-004**	**9.2000e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.5418**	**1.5418**	**8.0000e-005**	**0.0000**	**1.5436**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0429	0.4566	0.3503	4.0000e-004		0.0229	0.0229		0.0214	0.0214	0.0000	37.0973	37.0973	0.0101	0.0000	37.3092
Total	**0.0429**	**0.4566**	**0.3503**	**4.0000e-004**		**0.0229**	**0.0229**		**0.0214**	**0.0214**	**0.0000**	**37.0973**	**37.0973**	**0.0101**	**0.0000**	**37.3092**

3.2 Demolition - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	8.9000e-004	9.2000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5418	1.5418	8.0000e-005	0.0000	1.5436
Total	**6.0000e-004**	**8.9000e-004**	**9.2000e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.5418**	**1.5418**	**8.0000e-005**	**0.0000**	**1.5436**

3.3 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0254	0.2732	0.2055	2.0000e-004		0.0147	0.0147		0.0135	0.0135	0.0000	18.4386	18.4386	5.5600e-003	0.0000	18.5554
Total	**0.0254**	**0.2732**	**0.2055**	**2.0000e-004**	**0.0903**	**0.0147**	**0.1050**	**0.0497**	**0.0135**	**0.0632**	**0.0000**	**18.4386**	**18.4386**	**5.5600e-003**	**0.0000**	**18.5554**

3.3 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	5.3000e-004	5.5200e-003	1.0000e-005	9.9000e-004	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9251	0.9251	5.0000e-005	0.0000	0.9261
Total	**3.6000e-004**	**5.3000e-004**	**5.5200e-003**	**1.0000e-005**	**9.9000e-004**	**1.0000e-005**	**1.0000e-003**	**2.6000e-004**	**1.0000e-005**	**2.7000e-004**	**0.0000**	**0.9251**	**0.9251**	**5.0000e-005**	**0.0000**	**0.9261**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0254	0.2732	0.2055	2.0000e-004		0.0147	0.0147		0.0135	0.0135	0.0000	18.4385	18.4385	5.5600e-003	0.0000	18.5553
Total	**0.0254**	**0.2732**	**0.2055**	**2.0000e-004**	**0.0903**	**0.0147**	**0.1050**	**0.0497**	**0.0135**	**0.0632**	**0.0000**	**18.4385**	**18.4385**	**5.5600e-003**	**0.0000**	**18.5553**

3.3 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	5.3000e-004	5.5200e-003	1.0000e-005	9.9000e-004	1.0000e-005	1.0000e-003	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.9251	0.9251	5.0000e-005	0.0000	0.9261
Total	**3.6000e-004**	**5.3000e-004**	**5.5200e-003**	**1.0000e-005**	**9.9000e-004**	**1.0000e-005**	**1.0000e-003**	**2.6000e-004**	**1.0000e-005**	**2.7000e-004**	**0.0000**	**0.9251**	**0.9251**	**5.0000e-005**	**0.0000**	**0.9261**

3.4 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0972	1.1222	0.7371	9.3000e-004		0.0538	0.0538		0.0495	0.0495	0.0000	87.2936	87.2936	0.0263	0.0000	87.8465
Total	**0.0972**	**1.1222**	**0.7371**	**9.3000e-004**	**0.1301**	**0.0538**	**0.1839**	**0.0540**	**0.0495**	**0.1034**	**0.0000**	**87.2936**	**87.2936**	**0.0263**	**0.0000**	**87.8465**

3.4 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2100e-003	1.7700e-003	0.0184	4.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	3.0000e-005	9.0000e-004	0.0000	3.0836	3.0836	1.7000e-004	0.0000	3.0871
Total	**1.2100e-003**	**1.7700e-003**	**0.0184**	**4.0000e-005**	**3.2900e-003**	**3.0000e-005**	**3.3200e-003**	**8.7000e-004**	**3.0000e-005**	**9.0000e-004**	**0.0000**	**3.0836**	**3.0836**	**1.7000e-004**	**0.0000**	**3.0871**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0972	1.1222	0.7371	9.3000e-004		0.0538	0.0538		0.0495	0.0495	0.0000	87.2935	87.2935	0.0263	0.0000	87.8464
Total	**0.0972**	**1.1222**	**0.7371**	**9.3000e-004**	**0.1301**	**0.0538**	**0.1839**	**0.0540**	**0.0495**	**0.1034**	**0.0000**	**87.2935**	**87.2935**	**0.0263**	**0.0000**	**87.8464**

3.4 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2100e-003	1.7700e-003	0.0184	4.0000e-005	3.2900e-003	3.0000e-005	3.3200e-003	8.7000e-004	3.0000e-005	9.0000e-004	0.0000	3.0836	3.0836	1.7000e-004	0.0000	3.0871
Total	**1.2100e-003**	**1.7700e-003**	**0.0184**	**4.0000e-005**	**3.2900e-003**	**3.0000e-005**	**3.3200e-003**	**8.7000e-004**	**3.0000e-005**	**9.0000e-004**	**0.0000**	**3.0836**	**3.0836**	**1.7000e-004**	**0.0000**	**3.0871**

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3423	2.8649	1.8599	2.6900e-003		0.1977	0.1977		0.1858	0.1858	0.0000	243.3644	243.3644	0.0604	0.0000	244.6319
Total	**0.3423**	**2.8649**	**1.8599**	**2.6900e-003**		**0.1977**	**0.1977**		**0.1858**	**0.1858**	**0.0000**	**243.3644**	**243.3644**	**0.0604**	**0.0000**	**244.6319**

3.5 Building Construction - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1159	1.1796	1.5206	2.8300e-003	0.0804	0.0187	0.0991	0.0229	0.0172	0.0401	0.0000	257.5057	257.5057	1.8700e-003	0.0000	257.5449
Worker	0.1228	0.1804	1.8747	4.1200e-003	0.3352	2.8500e-003	0.3381	0.0890	2.6200e-003	0.0916	0.0000	314.0362	314.0362	0.0169	0.0000	314.3914
Total	**0.2387**	**1.3600**	**3.3952**	**6.9500e-003**	**0.4156**	**0.0215**	**0.4371**	**0.1120**	**0.0198**	**0.1317**	**0.0000**	**571.5419**	**571.5419**	**0.0188**	**0.0000**	**571.9363**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3423	2.8649	1.8599	2.6900e-003		0.1977	0.1977		0.1858	0.1858	0.0000	243.3641	243.3641	0.0604	0.0000	244.6316
Total	**0.3423**	**2.8649**	**1.8599**	**2.6900e-003**		**0.1977**	**0.1977**		**0.1858**	**0.1858**	**0.0000**	**243.3641**	**243.3641**	**0.0604**	**0.0000**	**244.6316**

3.5 Building Construction - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1159	1.1796	1.5206	2.8300e-003	0.0804	0.0187	0.0991	0.0229	0.0172	0.0401	0.0000	257.5057	257.5057	1.8700e-003	0.0000	257.5449
Worker	0.1228	0.1804	1.8747	4.1200e-003	0.3352	2.8500e-003	0.3381	0.0890	2.6200e-003	0.0916	0.0000	314.0362	314.0362	0.0169	0.0000	314.3914
Total	**0.2387**	**1.3600**	**3.3952**	**6.9500e-003**	**0.4156**	**0.0215**	**0.4371**	**0.1120**	**0.0198**	**0.1317**	**0.0000**	**571.5419**	**571.5419**	**0.0188**	**0.0000**	**571.9363**

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1536	1.3071	0.8974	1.3300e-003		0.0882	0.0882		0.0828	0.0828	0.0000	118.5422	118.5422	0.0292	0.0000	119.1548
Total	**0.1536**	**1.3071**	**0.8974**	**1.3300e-003**		**0.0882**	**0.0882**		**0.0828**	**0.0828**	**0.0000**	**118.5422**	**118.5422**	**0.0292**	**0.0000**	**119.1548**

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0522	0.5284	0.7097	1.3900e-003	0.0396	8.2000e-003	0.0478	0.0113	7.5400e-003	0.0188	0.0000	124.7758	124.7758	8.9000e-004	0.0000	124.7944
Worker	0.0542	0.0802	0.8327	2.0300e-003	0.1651	1.3500e-003	0.1665	0.0439	1.2500e-003	0.0451	0.0000	148.7360	148.7360	7.6900e-003	0.0000	148.8974
Total	**0.1063**	**0.6086**	**1.5424**	**3.4200e-003**	**0.2047**	**9.5500e-003**	**0.2143**	**0.0552**	**8.7900e-003**	**0.0639**	**0.0000**	**273.5117**	**273.5117**	**8.5800e-003**	**0.0000**	**273.6919**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1536	1.3071	0.8974	1.3300e-003		0.0882	0.0882		0.0828	0.0828	0.0000	118.5420	118.5420	0.0292	0.0000	119.1547
Total	**0.1536**	**1.3071**	**0.8974**	**1.3300e-003**		**0.0882**	**0.0882**		**0.0828**	**0.0828**	**0.0000**	**118.5420**	**118.5420**	**0.0292**	**0.0000**	**119.1547**

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0522	0.5284	0.7097	1.3900e-003	0.0396	8.2000e-003	0.0478	0.0113	7.5400e-003	0.0188	0.0000	124.7758	124.7758	8.9000e-004	0.0000	124.7944
Worker	0.0542	0.0802	0.8327	2.0300e-003	0.1651	1.3500e-003	0.1665	0.0439	1.2500e-003	0.0451	0.0000	148.7360	148.7360	7.6900e-003	0.0000	148.8974
Total	**0.1063**	**0.6086**	**1.5424**	**3.4200e-003**	**0.2047**	**9.5500e-003**	**0.2143**	**0.0552**	**8.7900e-003**	**0.0639**	**0.0000**	**273.5117**	**273.5117**	**8.5800e-003**	**0.0000**	**273.6919**

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0191	0.2030	0.1473	2.2000e-004		0.0114	0.0114		0.0105	0.0105	0.0000	20.6934	20.6934	6.3400e-003	0.0000	20.8266
Paving	3.4500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0225**	**0.2030**	**0.1473**	**2.2000e-004**		**0.0114**	**0.0114**		**0.0105**	**0.0105**	**0.0000**	**20.6934**	**20.6934**	**6.3400e-003**	**0.0000**	**20.8266**

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	8.0000e-004	8.3000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4826	1.4826	8.0000e-005	0.0000	1.4842
Total	**5.4000e-004**	**8.0000e-004**	**8.3000e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.4826**	**1.4826**	**8.0000e-005**	**0.0000**	**1.4842**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0191	0.2030	0.1473	2.2000e-004		0.0114	0.0114		0.0105	0.0105	0.0000	20.6934	20.6934	6.3400e-003	0.0000	20.8265
Paving	3.4500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0225**	**0.2030**	**0.1473**	**2.2000e-004**		**0.0114**	**0.0114**		**0.0105**	**0.0105**	**0.0000**	**20.6934**	**20.6934**	**6.3400e-003**	**0.0000**	**20.8265**

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	8.0000e-004	8.3000e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4826	1.4826	8.0000e-005	0.0000	1.4842
Total	**5.4000e-004**	**8.0000e-004**	**8.3000e-003**	**2.0000e-005**	**1.6500e-003**	**1.0000e-005**	**1.6600e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.4826**	**1.4826**	**8.0000e-005**	**0.0000**	**1.4842**

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.8710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0219	0.0187	3.0000e-005		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	2.5533	2.5533	2.7000e-004	0.0000	2.5589
Total	**7.8743**	**0.0219**	**0.0187**	**3.0000e-005**		**1.7300e-003**	**1.7300e-003**		**1.7300e-003**	**1.7300e-003**	**0.0000**	**2.5533**	**2.5533**	**2.7000e-004**	**0.0000**	**2.5589**

3.7 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	3.2500e-003	0.0338	8.0000e-005	6.6900e-003	5.0000e-005	6.7500e-003	1.7800e-003	5.0000e-005	1.8300e-003	0.0000	6.0293	6.0293	3.1000e-004	0.0000	6.0359
Total	**2.2000e-003**	**3.2500e-003**	**0.0338**	**8.0000e-005**	**6.6900e-003**	**5.0000e-005**	**6.7500e-003**	**1.7800e-003**	**5.0000e-005**	**1.8300e-003**	**0.0000**	**6.0293**	**6.0293**	**3.1000e-004**	**0.0000**	**6.0359**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.8710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0219	0.0187	3.0000e-005		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	2.5533	2.5533	2.7000e-004	0.0000	2.5589
Total	**7.8743**	**0.0219**	**0.0187**	**3.0000e-005**		**1.7300e-003**	**1.7300e-003**		**1.7300e-003**	**1.7300e-003**	**0.0000**	**2.5533**	**2.5533**	**2.7000e-004**	**0.0000**	**2.5589**

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	3.2500e-003	0.0338	8.0000e-005	6.6900e-003	5.0000e-005	6.7500e-003	1.7800e-003	5.0000e-005	1.8300e-003	0.0000	6.0293	6.0293	3.1000e-004	0.0000	6.0359
Total	**2.2000e-003**	**3.2500e-003**	**0.0338**	**8.0000e-005**	**6.6900e-003**	**5.0000e-005**	**6.7500e-003**	**1.7800e-003**	**5.0000e-005**	**1.8300e-003**	**0.0000**	**6.0293**	**6.0293**	**3.1000e-004**	**0.0000**	**6.0359**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.4118	10.6999	43.5045	0.0800	5.4020	0.1423	5.5443	1.4453	0.1307	1.5760	0.0000	6,555.9007	6,555.9007	0.2948	0.0000	6,562.0915
Unmitigated	4.7634	13.3691	52.1107	0.1037	7.0692	0.1826	7.2518	1.8914	0.1678	2.0592	0.0000	8,498.2566	8,498.2566	0.3737	0.0000	8,506.1044

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	91.00	91.00	91.00	261,856	200,100
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	2,895.09	0.00	0.00	6,386,011	4,879,934
Library	4,674.06	6,423.90	3517.62	12,014,554	9,181,042
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	7,660.15	6,514.90	3,608.62	18,662,422	14,261,076

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,954.4875	1,954.4875	0.0898	0.0186	1,962.1365
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,954.4875	1,954.4875	0.0898	0.0186	1,962.1365
NaturalGas Mitigated	0.0307	0.2789	0.2343	1.6700e-003		0.0212	0.0212		0.0212	0.0212	0.0000	303.5851	303.5851	5.8200e-003	5.5700e-003	305.4327
NaturalGas Unmitigated	0.0307	0.2789	0.2343	1.6700e-003		0.0212	0.0212		0.0212	0.0212	0.0000	303.5851	303.5851	5.8200e-003	5.5700e-003	305.4327

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3.09319e+006	0.0167	0.1516	0.1274	9.1000e-004		0.0115	0.0115		0.0115	0.0115	0.0000	165.0644	165.0644	3.1600e-003	3.0300e-003	166.0690
Library	2.59578e+006	0.0140	0.1272	0.1069	7.6000e-004		9.6700e-003	9.6700e-003		9.6700e-003	9.6700e-003	0.0000	138.5207	138.5207	2.6500e-003	2.5400e-003	139.3637
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0307**	**0.2789**	**0.2343**	**1.6700e-003**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**303.5851**	**303.5851**	**5.8100e-003**	**5.5700e-003**	**305.4327**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3.09319e+006	0.0167	0.1516	0.1274	9.1000e-004		0.0115	0.0115		0.0115	0.0115	0.0000	165.0644	165.0644	3.1600e-003	3.0300e-003	166.0690
Library	2.59578e+006	0.0140	0.1272	0.1069	7.6000e-004		9.6700e-003	9.6700e-003		9.6700e-003	9.6700e-003	0.0000	138.5207	138.5207	2.6500e-003	2.5400e-003	139.3637
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0307**	**0.2789**	**0.2343**	**1.6700e-003**		**0.0212**	**0.0212**		**0.0212**	**0.0212**	**0.0000**	**303.5851**	**303.5851**	**5.8100e-003**	**5.5700e-003**	**305.4327**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	954182	273.0552	0.0126	2.6000e-003	274.1239
Government (Civic Center)	4.11199e+006	1,176.7154	0.0541	0.0112	1,181.3205
Library	1.6629e+006	475.8669	0.0219	4.5300e-003	477.7292
Parking Lot	31816.2	9.1048	4.2000e-004	9.0000e-005	9.1404
Parking Lot	68999	19.7452	9.1000e-004	1.9000e-004	19.8225
Total		**1,954.4875**	**0.0898**	**0.0186**	**1,962.1365**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	954182	273.0552	0.0126	2.6000e-003	274.1239
Government (Civic Center)	4.11199e+006	1,176.7154	0.0541	0.0112	1,181.3205
Library	1.6629e+006	475.8669	0.0219	4.5300e-003	477.7292
Parking Lot	31816.2	9.1048	4.2000e-004	9.0000e-005	9.1404
Parking Lot	68999	19.7452	9.1000e-004	1.9000e-004	19.8225
Total		**1,954.4875**	**0.0898**	**0.0186**	**1,962.1365**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.3289	5.0000e-005	5.6700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0113
Unmitigated	3.6437	5.0000e-005	5.6700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0113

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7871					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8561					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.6000e-004	5.0000e-005	5.6700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0113
Total	**3.6437**	**5.0000e-005**	**5.6700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0107**	**0.0107**	**3.0000e-005**	**0.0000**	**0.0113**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4723					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8561					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.6000e-004	5.0000e-005	5.6700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0113
Total	**3.3289**	**5.0000e-005**	**5.6700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0107**	**0.0107**	**3.0000e-005**	**0.0000**	**0.0113**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	385.6568	1.9891	0.0500	442.9252
Unmitigated	385.6568	1.9895	0.0501	442.9559

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.09785	9.8490	4.5000e-004	9.0000e-005	9.8876
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	56.2207 / 34.4578	336.8769	1.8466	0.0463	390.0059
Library	4.31787 / 6.75359	38.9308	0.1424	3.6800e-003	43.0623
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**385.6567**	**1.9895**	**0.0501**	**442.9559**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.09785	9.8490	4.5000e-004	9.0000e-005	9.8876
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	56.2207 / 34.4578	336.8769	1.8463	0.0462	389.9775
Library	4.31787 / 6.75359	38.9308	0.1424	3.6700e-003	43.0601
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**385.6567**	**1.9891**	**0.0500**	**442.9252**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	353.2875	20.8787	0.0000	791.7401
Unmitigated	353.2875	20.8787	0.0000	791.7401

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.22	0.0447	2.6400e-003	0.0000	0.1001
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	1613.1	327.4447	19.3514	0.0000	733.8247
Library	127.09	25.7981	1.5246	0.0000	57.8153
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**353.2875**	**20.8787**	**0.0000**	**791.7401**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.22	0.0447	2.6400e-003	0.0000	0.1001
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	1613.1	327.4447	19.3514	0.0000	733.8247
Library	127.09	25.7981	1.5246	0.0000	57.8153
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**353.2875**	**20.8787**	**0.0000**	**791.7401**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Long Beach Civic Center - Existing

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	283.00	1000sqft	3.40	283,000.00	0
Library	138.00	1000sqft	2.10	138,000.00	0
City Park	2.60	Acre	2.60	113,256.00	0
Enclosed Parking with Elevator	3.25	Acre	3.25	141,570.00	0
Parking Lot	0.83	Acre	0.83	36,154.80	0
Parking Lot	1.80	Acre	1.80	78,408.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Estimated from Google Earth. Old Courthouse not included as it is non-operational.

Vehicle Trips - From Traffic Study, LLG 2015.

Mobile Land Use Mitigation -

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113.

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblLandUse	LotAcreage	6.50	3.40
tblLandUse	LotAcreage	3.17	2.10
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	27.92	10.23
tblVehicleTrips	WD_TR	56.24	33.87

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.5630	74.9182	51.2140	0.0981	18.2675	3.5861	21.2078	9.9840	3.2992	12.6892	0.0000	9,119.6158	9,119.6158	1.9472	0.0000	9,160.5068
2017	787.6567	38.0553	48.1785	0.0981	4.2107	1.9734	6.1842	1.1327	1.8498	2.9825	0.0000	8,905.8300	8,905.8300	0.8404	0.0000	8,923.4793
Total	**794.2197**	**112.9735**	**99.3925**	**0.1962**	**22.4782**	**5.5595**	**27.3920**	**11.1167**	**5.1490**	**15.6716**	**0.0000**	**18,025.4458**	**18,025.4458**	**2.7876**	**0.0000**	**18,083.9861**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.5630	74.9182	51.2140	0.0981	18.2675	3.5861	21.2078	9.9840	3.2992	12.6892	0.0000	9,119.6158	9,119.6158	1.9472	0.0000	9,160.5068
2017	787.6567	38.0553	48.1785	0.0981	4.2107	1.9734	6.1842	1.1327	1.8498	2.9825	0.0000	8,905.8300	8,905.8300	0.8404	0.0000	8,923.4793
Total	**794.2197**	**112.9735**	**99.3925**	**0.1962**	**22.4782**	**5.5595**	**27.3920**	**11.1167**	**5.1490**	**15.6716**	**0.0000**	**18,025.4458**	**18,025.4458**	**2.7876**	**0.0000**	**18,083.9861**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	19.9670	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Energy	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323
Mobile	36.1839	93.3193	389.4490	0.8074	53.8875	1.3646	55.2521	14.3961	1.2537	15.6498		72,881.2073	72,881.2073	3.0852		72,945.9969
Total	**56.3190**	**94.8478**	**390.7780**	**0.8166**	**53.8875**	**1.4809**	**55.3684**	**14.3961**	**1.3700**	**15.7661**		**74,714.9741**	**74,714.9741**	**3.1206**	**0.0336**	**74,790.9289**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	18.2419	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Energy	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323
Mobile	33.5050	74.8504	319.9385	0.6229	41.1787	1.0623	42.2410	11.0010	0.9758	11.9768		56,211.3264	56,211.3264	2.4335		56,262.4294
Total	**51.9150**	**76.3789**	**321.2674**	**0.6321**	**41.1787**	**1.1786**	**42.3573**	**11.0010**	**1.0921**	**12.0931**		**58,045.0932**	**58,045.0932**	**2.4689**	**0.0336**	**58,107.3614**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.82**	**19.47**	**17.79**	**22.59**	**23.58**	**20.41**	**23.50**	**23.58**	**20.28**	**23.30**	**0.00**	**22.31**	**22.31**	**20.88**	**0.00**	**22.31**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	1/28/2016	5	20	
2	Site Preparation	Site Preparation	1/29/2016	2/11/2016	5	10	
3	Grading	Grading	2/12/2016	3/24/2016	5	30	
4	Building Construction	Building Construction	3/25/2016	5/18/2017	5	300	
5	Paving	Paving	5/19/2017	6/15/2017	5	20	
6	Architectural Coating	Architectural Coating	6/16/2017	7/13/2017	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,018,894; Non-Residential Outdoor: 339,631 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	125	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	304.00	130.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	61.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**		**2.2921**	**2.2921**		**2.1365**	**2.1365**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

3.2 Demolition - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.0627**	**0.0783**	**0.9750**	**2.1200e-003**	**0.1677**	**1.4000e-003**	**0.1691**	**0.0445**	**1.2900e-003**	**0.0458**		**178.4188**	**178.4188**	**9.1500e-003**		**178.6110**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**		**2.2921**	**2.2921**		**2.1365**	**2.1365**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

3.2 Demolition - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.0627**	**0.0783**	**0.9750**	**2.1200e-003**	**0.1677**	**1.4000e-003**	**0.1691**	**0.0445**	**1.2900e-003**	**0.0458**		**178.4188**	**178.4188**	**9.1500e-003**		**178.6110**

3.3 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	**5.0771**	**54.6323**	**41.1053**	**0.0391**	**18.0663**	**2.9387**	**21.0049**	**9.9307**	**2.7036**	**12.6343**		**4,065.0053**	**4,065.0053**	**1.2262**		**4,090.7544**

3.3 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0752	0.0940	1.1700	2.5500e-003	0.2012	1.6800e-003	0.2029	0.0534	1.5500e-003	0.0549		214.1025	214.1025	0.0110		214.3332
Total	**0.0752**	**0.0940**	**1.1700**	**2.5500e-003**	**0.2012**	**1.6800e-003**	**0.2029**	**0.0534**	**1.5500e-003**	**0.0549**		**214.1025**	**214.1025**	**0.0110**		**214.3332**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544
Total	**5.0771**	**54.6323**	**41.1053**	**0.0391**	**18.0663**	**2.9387**	**21.0049**	**9.9307**	**2.7036**	**12.6343**	**0.0000**	**4,065.0053**	**4,065.0053**	**1.2262**		**4,090.7544**

3.3 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0752	0.0940	1.1700	2.5500e-003	0.2012	1.6800e-003	0.2029	0.0534	1.5500e-003	0.0549		214.1025	214.1025	0.0110		214.3332
Total	**0.0752**	**0.0940**	**1.1700**	**2.5500e-003**	**0.2012**	**1.6800e-003**	**0.2029**	**0.0534**	**1.5500e-003**	**0.0549**		**214.1025**	**214.1025**	**0.0110**		**214.3332**

3.4 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**8.6733**	**3.5842**	**12.2576**	**3.5965**	**3.2975**	**6.8940**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

3.4 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**0.0836**	**0.1045**	**1.3000**	**2.8300e-003**	**0.2236**	**1.8700e-003**	**0.2254**	**0.0593**	**1.7200e-003**	**0.0610**		**237.8917**	**237.8917**	**0.0122**		**238.1480**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**8.6733**	**3.5842**	**12.2576**	**3.5965**	**3.2975**	**6.8940**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

3.4 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**0.0836**	**0.1045**	**1.3000**	**2.8300e-003**	**0.2236**	**1.8700e-003**	**0.2254**	**0.0593**	**1.7200e-003**	**0.0610**		**237.8917**	**237.8917**	**0.0122**		**238.1480**

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

3.5 Building Construction - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.0824	11.2278	12.9468	0.0283	0.8125	0.1849	0.9974	0.2314	0.1700	0.4014		2,834.3759	2,834.3759	0.0202		2,834.8008
Worker	1.2700	1.5878	19.7606	0.0431	3.3980	0.0284	3.4264	0.9012	0.0261	0.9273		3,615.9534	3,615.9534	0.1855		3,619.8494
Total	**2.3524**	**12.8155**	**32.7074**	**0.0713**	**4.2105**	**0.2133**	**4.4238**	**1.1326**	**0.1961**	**1.3287**		**6,450.3294**	**6,450.3294**	**0.2058**		**6,454.6502**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

3.5 Building Construction - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.0824	11.2278	12.9468	0.0283	0.8125	0.1849	0.9974	0.2314	0.1700	0.4014		2,834.3759	2,834.3759	0.0202		2,834.8008
Worker	1.2700	1.5878	19.7606	0.0431	3.3980	0.0284	3.4264	0.9012	0.0261	0.9273		3,615.9534	3,615.9534	0.1855		3,619.8494
Total	**2.3524**	**12.8155**	**32.7074**	**0.0713**	**4.2105**	**0.2133**	**4.4238**	**1.1326**	**0.1961**	**1.3287**		**6,450.3294**	**6,450.3294**	**0.2058**		**6,454.6502**

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.9918	10.2162	12.1754	0.0282	0.8127	0.1649	0.9776	0.2315	0.1516	0.3831		2,788.4669	2,788.4669	0.0196		2,788.8775
Worker	1.1412	1.4335	17.8739	0.0430	3.3980	0.0273	3.4253	0.9012	0.0252	0.9264		3,477.5578	3,477.5578	0.1712		3,481.1528
Total	**2.1330**	**11.6497**	**30.0493**	**0.0713**	**4.2107**	**0.1922**	**4.4029**	**1.1327**	**0.1768**	**1.3095**		**6,266.0247**	**6,266.0247**	**0.1907**		**6,270.0303**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.9918	10.2162	12.1754	0.0282	0.8127	0.1649	0.9776	0.2315	0.1516	0.3831		2,788.4669	2,788.4669	0.0196		2,788.8775
Worker	1.1412	1.4335	17.8739	0.0430	3.3980	0.0273	3.4253	0.9012	0.0252	0.9264		3,477.5578	3,477.5578	0.1712		3,481.1528
Total	**2.1330**	**11.6497**	**30.0493**	**0.0713**	**4.2107**	**0.1922**	**4.4029**	**1.1327**	**0.1768**	**1.3095**		**6,266.0247**	**6,266.0247**	**0.1907**		**6,270.0303**

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.3445					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2519**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.3445					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2519**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	787.0954					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**787.4277**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

3.7 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2290	0.2876	3.5866	8.6400e-003	0.6818	5.4800e-003	0.6873	0.1808	5.0600e-003	0.1859		697.7994	697.7994	0.0344		698.5208
Total	**0.2290**	**0.2876**	**3.5866**	**8.6400e-003**	**0.6818**	**5.4800e-003**	**0.6873**	**0.1808**	**5.0600e-003**	**0.1859**		**697.7994**	**697.7994**	**0.0344**		**698.5208**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	787.0954					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**787.4277**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2290	0.2876	3.5866	8.6400e-003	0.6818	5.4800e-003	0.6873	0.1808	5.0600e-003	0.1859		697.7994	697.7994	0.0344		698.5208
Total	**0.2290**	**0.2876**	**3.5866**	**8.6400e-003**	**0.6818**	**5.4800e-003**	**0.6873**	**0.1808**	**5.0600e-003**	**0.1859**		**697.7994**	**697.7994**	**0.0344**		**698.5208**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	33.5050	74.8504	319.9385	0.6229	41.1787	1.0623	42.2410	11.0010	0.9758	11.9768		56,211.3264	56,211.3264	2.4335		56,262.4294
Unmitigated	36.1839	93.3193	389.4490	0.8074	53.8875	1.3646	55.2521	14.3961	1.2537	15.6498		72,881.2073	72,881.2073	3.0852		72,945.9969

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	91.00	91.00	91.00	261,856	200,100
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	2,895.09	0.00	0.00	6,386,011	4,879,934
Library	4,674.06	6,423.90	3517.62	12,014,554	9,181,042
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	7,660.15	6,514.90	3,608.62	18,662,422	14,261,076

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323
NaturalGas Unmitigated	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	8474.49	0.0914	0.8308	0.6979	4.9800e-003		0.0631	0.0631		0.0631	0.0631		996.9992	996.9992	0.0191	0.0183	1,003.0668
Library	7111.73	0.0767	0.6972	0.5857	4.1800e-003		0.0530	0.0530		0.0530	0.0530		836.6737	836.6737	0.0160	0.0153	841.7655
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1681**	**1.5281**	**1.2836**	**9.1600e-003**		**0.1161**	**0.1161**		**0.1161**	**0.1161**		**1,833.6728**	**1,833.6728**	**0.0352**	**0.0336**	**1,844.8323**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	8.47449	0.0914	0.8308	0.6979	4.9800e-003		0.0631	0.0631		0.0631	0.0631		996.9992	996.9992	0.0191	0.0183	1,003.0668
Library	7.11173	0.0767	0.6972	0.5857	4.1800e-003		0.0530	0.0530		0.0530	0.0530		836.6737	836.6737	0.0160	0.0153	841.7655
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1681**	**1.5281**	**1.2836**	**9.1600e-003**		**0.1161**	**0.1161**		**0.1161**	**0.1161**		**1,833.6728**	**1,833.6728**	**0.0352**	**0.0336**	**1,844.8323**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18.2419	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Unmitigated	19.9670	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.3129					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.6497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4800e-003	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Total	**19.9670**	**4.4000e-004**	**0.0454**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0940**	**0.0940**	**2.7000e-004**		**0.0997**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5877					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.6497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4800e-003	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Total	**18.2419**	**4.4000e-004**	**0.0454**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0940**	**0.0940**	**2.7000e-004**		**0.0997**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Long Beach Civic Center - Existing

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	283.00	1000sqft	3.40	283,000.00	0
Library	138.00	1000sqft	2.10	138,000.00	0
City Park	2.60	Acre	2.60	113,256.00	0
Enclosed Parking with Elevator	3.25	Acre	3.25	141,570.00	0
Parking Lot	0.83	Acre	0.83	36,154.80	0
Parking Lot	1.80	Acre	1.80	78,408.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Estimated from Google Earth. Old Courthouse not included as it is non-operational.

Vehicle Trips - From Traffic Study, LLG 2015.

Mobile Land Use Mitigation -

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113.

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblLandUse	LotAcreage	6.50	3.40
tblLandUse	LotAcreage	3.17	2.10
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	27.92	10.23
tblVehicleTrips	WD_TR	56.24	33.87

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.5648	74.9284	52.2565	0.0952	18.2675	3.5861	21.2078	9.9840	3.2992	12.6892	0.0000	8,871.6661	8,871.6661	1.9472	0.0000	8,912.5571
2017	787.6610	38.4466	49.2938	0.0952	4.2107	1.9750	6.1858	1.1327	1.8513	2.9840	0.0000	8,666.3264	8,666.3264	0.8411	0.0000	8,683.9885
Total	**794.2258**	**113.3750**	**101.5503**	**0.1904**	**22.4782**	**5.5611**	**27.3936**	**11.1167**	**5.1505**	**15.6731**	**0.0000**	**17,537.9925**	**17,537.9925**	**2.7882**	**0.0000**	**17,596.5457**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	6.5648	74.9284	52.2565	0.0952	18.2675	3.5861	21.2078	9.9840	3.2992	12.6892	0.0000	8,871.6661	8,871.6661	1.9472	0.0000	8,912.5571
2017	787.6610	38.4466	49.2938	0.0952	4.2107	1.9750	6.1858	1.1327	1.8513	2.9840	0.0000	8,666.3264	8,666.3264	0.8411	0.0000	8,683.9885
Total	**794.2258**	**113.3750**	**101.5503**	**0.1904**	**22.4782**	**5.5611**	**27.3936**	**11.1167**	**5.1505**	**15.6731**	**0.0000**	**17,537.9925**	**17,537.9925**	**2.7882**	**0.0000**	**17,596.5457**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	19.9670	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Energy	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323
Mobile	37.6133	98.1068	386.4701	0.7670	53.8875	1.3736	55.2611	14.3961	1.2619	15.6580		69,328.9544	69,328.9544	3.0877		69,393.7967
Total	**57.7484**	**99.6353**	**387.7990**	**0.7762**	**53.8875**	**1.4898**	**55.3774**	**14.3961**	**1.3782**	**15.7743**		**71,162.7213**	**71,162.7213**	**3.1232**	**0.0336**	**71,238.7287**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	18.2419	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Energy	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323
Mobile	35.0077	78.5474	323.7247	0.5919	41.1787	1.0713	42.2500	11.0010	0.9841	11.9850		53,477.6343	53,477.6343	2.4360		53,528.7900
Total	**53.4176**	**80.0759**	**325.0536**	**0.6011**	**41.1787**	**1.1876**	**42.3662**	**11.0010**	**1.1004**	**12.1013**		**55,311.4012**	**55,311.4012**	**2.4714**	**0.0336**	**55,373.7220**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**7.50**	**19.63**	**16.18**	**22.55**	**23.58**	**20.29**	**23.50**	**23.58**	**20.16**	**23.28**	**0.00**	**22.27**	**22.27**	**20.87**	**0.00**	**22.27**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2016	1/28/2016	5	20	
2	Site Preparation	Site Preparation	1/29/2016	2/11/2016	5	10	
3	Grading	Grading	2/12/2016	3/24/2016	5	30	
4	Building Construction	Building Construction	3/25/2016	5/18/2017	5	300	
5	Paving	Paving	5/19/2017	6/15/2017	5	20	
6	Architectural Coating	Architectural Coating	6/16/2017	7/13/2017	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,018,894; Non-Residential Outdoor: 339,631 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	162	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	162	0.38
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	125	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	174	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	304.00	130.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	61.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**		**2.2921**	**2.2921**		**2.1365**	**2.1365**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

3.2 Demolition - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.0640**	**0.0860**	**0.8984**	**1.9900e-003**	**0.1677**	**1.4000e-003**	**0.1691**	**0.0445**	**1.2900e-003**	**0.0458**		**167.3573**	**167.3573**	**9.1500e-003**		**167.5495**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**		**2.2921**	**2.2921**		**2.1365**	**2.1365**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

3.2 Demolition - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.0640**	**0.0860**	**0.8984**	**1.9900e-003**	**0.1677**	**1.4000e-003**	**0.1691**	**0.0445**	**1.2900e-003**	**0.0458**		**167.3573**	**167.3573**	**9.1500e-003**		**167.5495**

3.3 Site Preparation - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036		4,065.0053	4,065.0053	1.2262		4,090.7544
Total	**5.0771**	**54.6323**	**41.1053**	**0.0391**	**18.0663**	**2.9387**	**21.0049**	**9.9307**	**2.7036**	**12.6343**		**4,065.0053**	**4,065.0053**	**1.2262**		**4,090.7544**

3.3 Site Preparation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0768	0.1032	1.0780	2.3900e-003	0.2012	1.6800e-003	0.2029	0.0534	1.5500e-003	0.0549		200.8288	200.8288	0.0110		201.0594
Total	**0.0768**	**0.1032**	**1.0780**	**2.3900e-003**	**0.2012**	**1.6800e-003**	**0.2029**	**0.0534**	**1.5500e-003**	**0.0549**		**200.8288**	**200.8288**	**0.0110**		**201.0594**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	5.0771	54.6323	41.1053	0.0391		2.9387	2.9387		2.7036	2.7036	0.0000	4,065.0053	4,065.0053	1.2262		4,090.7544
Total	**5.0771**	**54.6323**	**41.1053**	**0.0391**	**18.0663**	**2.9387**	**21.0049**	**9.9307**	**2.7036**	**12.6343**	**0.0000**	**4,065.0053**	**4,065.0053**	**1.2262**		**4,090.7544**

3.3 Site Preparation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0768	0.1032	1.0780	2.3900e-003	0.2012	1.6800e-003	0.2029	0.0534	1.5500e-003	0.0549		200.8288	200.8288	0.0110		201.0594
Total	**0.0768**	**0.1032**	**1.0780**	**2.3900e-003**	**0.2012**	**1.6800e-003**	**0.2029**	**0.0534**	**1.5500e-003**	**0.0549**		**200.8288**	**200.8288**	**0.0110**		**201.0594**

3.4 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**8.6733**	**3.5842**	**12.2576**	**3.5965**	**3.2975**	**6.8940**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

3.4 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**0.0853**	**0.1147**	**1.1978**	**2.6500e-003**	**0.2236**	**1.8700e-003**	**0.2254**	**0.0593**	**1.7200e-003**	**0.0610**		**223.1431**	**223.1431**	**0.0122**		**223.3994**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**8.6733**	**3.5842**	**12.2576**	**3.5965**	**3.2975**	**6.8940**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

3.4 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**0.0853**	**0.1147**	**1.1978**	**2.6500e-003**	**0.2236**	**1.8700e-003**	**0.2254**	**0.0593**	**1.7200e-003**	**0.0610**		**223.1431**	**223.1431**	**0.0122**		**223.3994**

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

3.5 Building Construction - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1867	11.5112	15.5429	0.0281	0.8125	0.1868	0.9992	0.2314	0.1718	0.4031		2,810.6054	2,810.6054	0.0208		2,811.0429
Worker	1.2967	1.7428	18.2070	0.0404	3.3980	0.0284	3.4264	0.9012	0.0261	0.9273		3,391.7744	3,391.7744	0.1855		3,395.6704
Total	**2.4833**	**13.2540**	**33.7498**	**0.0684**	**4.2105**	**0.2152**	**4.4256**	**1.1326**	**0.1979**	**1.3304**		**6,202.3797**	**6,202.3797**	**0.2064**		**6,206.7132**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

3.5 Building Construction - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1867	11.5112	15.5429	0.0281	0.8125	0.1868	0.9992	0.2314	0.1718	0.4031		2,810.6054	2,810.6054	0.0208		2,811.0429
Worker	1.2967	1.7428	18.2070	0.0404	3.3980	0.0284	3.4264	0.9012	0.0261	0.9273		3,391.7744	3,391.7744	0.1855		3,395.6704
Total	**2.4833**	**13.2540**	**33.7498**	**0.0684**	**4.2105**	**0.2152**	**4.4256**	**1.1326**	**0.1979**	**1.3304**		**6,202.3797**	**6,202.3797**	**0.2064**		**6,206.7132**

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

3.5 Building Construction - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.0836	10.4679	14.7548	0.0280	0.8127	0.1665	0.9792	0.2315	0.1531	0.3846		2,765.0241	2,765.0241	0.0202		2,765.4476
Worker	1.1626	1.5731	16.4099	0.0403	3.3980	0.0273	3.4253	0.9012	0.0252	0.9264		3,261.4970	3,261.4970	0.1712		3,265.0920
Total	**2.2461**	**12.0410**	**31.1647**	**0.0684**	**4.2107**	**0.1938**	**4.4046**	**1.1327**	**0.1783**	**1.3110**		**6,026.5211**	**6,026.5211**	**0.1914**		**6,030.5395**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

3.5 Building Construction - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.0836	10.4679	14.7548	0.0280	0.8127	0.1665	0.9792	0.2315	0.1531	0.3846		2,765.0241	2,765.0241	0.0202		2,765.4476
Worker	1.1626	1.5731	16.4099	0.0403	3.3980	0.0273	3.4253	0.9012	0.0252	0.9264		3,261.4970	3,261.4970	0.1712		3,265.0920
Total	**2.2461**	**12.0410**	**31.1647**	**0.0684**	**4.2107**	**0.1938**	**4.4046**	**1.1327**	**0.1783**	**1.3110**		**6,026.5211**	**6,026.5211**	**0.1914**		**6,030.5395**

3.6 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.3445					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2519**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

3.6 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.3445					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.2519**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

3.6 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.7 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	787.0954					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**787.4277**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

3.7 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2333	0.3157	3.2928	8.0900e-003	0.6818	5.4800e-003	0.6873	0.1808	5.0600e-003	0.1859		654.4451	654.4451	0.0344		655.1665
Total	**0.2333**	**0.3157**	**3.2928**	**8.0900e-003**	**0.6818**	**5.4800e-003**	**0.6873**	**0.1808**	**5.0600e-003**	**0.1859**		**654.4451**	**654.4451**	**0.0344**		**655.1665**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	787.0954					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**787.4277**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

3.7 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2333	0.3157	3.2928	8.0900e-003	0.6818	5.4800e-003	0.6873	0.1808	5.0600e-003	0.1859		654.4451	654.4451	0.0344		655.1665
Total	**0.2333**	**0.3157**	**3.2928**	**8.0900e-003**	**0.6818**	**5.4800e-003**	**0.6873**	**0.1808**	**5.0600e-003**	**0.1859**		**654.4451**	**654.4451**	**0.0344**		**655.1665**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	35.0077	78.5474	323.7247	0.5919	41.1787	1.0713	42.2500	11.0010	0.9841	11.9850		53,477.6343	53,477.6343	2.4360		53,528.7900
Unmitigated	37.6133	98.1068	386.4701	0.7670	53.8875	1.3736	55.2611	14.3961	1.2619	15.6580		69,328.9544	69,328.9544	3.0877		69,393.7967

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	91.00	91.00	91.00	261,856	200,100
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	2,895.09	0.00	0.00	6,386,011	4,879,934
Library	4,674.06	6,423.90	3517.62	12,014,554	9,181,042
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	7,660.15	6,514.90	3,608.62	18,662,422	14,261,076

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323
NaturalGas Unmitigated	0.1681	1.5281	1.2836	9.1700e-003		0.1161	0.1161		0.1161	0.1161		1,833.6728	1,833.6728	0.0352	0.0336	1,844.8323

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	8474.49	0.0914	0.8308	0.6979	4.9800e-003		0.0631	0.0631		0.0631	0.0631		996.9992	996.9992	0.0191	0.0183	1,003.0668
Library	7111.73	0.0767	0.6972	0.5857	4.1800e-003		0.0530	0.0530		0.0530	0.0530		836.6737	836.6737	0.0160	0.0153	841.7655
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1681**	**1.5281**	**1.2836**	**9.1600e-003**		**0.1161**	**0.1161**		**0.1161**	**0.1161**		**1,833.6728**	**1,833.6728**	**0.0352**	**0.0336**	**1,844.8323**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	8.47449	0.0914	0.8308	0.6979	4.9800e-003		0.0631	0.0631		0.0631	0.0631		996.9992	996.9992	0.0191	0.0183	1,003.0668
Library	7.11173	0.0767	0.6972	0.5857	4.1800e-003		0.0530	0.0530		0.0530	0.0530		836.6737	836.6737	0.0160	0.0153	841.7655
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1681**	**1.5281**	**1.2836**	**9.1600e-003**		**0.1161**	**0.1161**		**0.1161**	**0.1161**		**1,833.6728**	**1,833.6728**	**0.0352**	**0.0336**	**1,844.8323**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18.2419	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Unmitigated	19.9670	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.3129					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.6497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4800e-003	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Total	**19.9670**	**4.4000e-004**	**0.0454**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0940**	**0.0940**	**2.7000e-004**		**0.0997**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5877					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	15.6497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4800e-003	4.4000e-004	0.0454	0.0000		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004		0.0940	0.0940	2.7000e-004		0.0997
Total	**18.2419**	**4.4000e-004**	**0.0454**	**0.0000**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**		**0.0940**	**0.0940**	**2.7000e-004**		**0.0997**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Project with Mitigation Measure AQ-3

Long Beach Civic Center

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	575.79	1000sqft	3.78	575,793.00	0
Library	92.00	1000sqft	1.73	92,000.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.00	8,000.00	0
Hotel	200.00	Room	0.00	290,400.00	0
Condo/Townhouse High Rise	200.00	Dwelling Unit	0.90	235,000.00	572
Condo/Townhouse High Rise	580.00	Dwelling Unit	6.29	650,000.00	1659
Regional Shopping Center	32.00	1000sqft	0.00	32,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113. Assumed compliance with MM AQ-3.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	864,939.00	435,697.00
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tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	864,939.00	310,200.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,594,817.00	1,307,090.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,594,817.00	150,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,594,817.00	930,600.00

tblArchitecturalCoating	ConstArea_Residential_Exterior	597,375.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	597,375.00	158,625.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	597,375.00	438,750.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,792,125.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,792,125.00	475,875.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,792,125.00	1,316,250.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
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tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
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tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3

tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	PhaseEndDate	5/1/2020	11/29/2019
tblConstructionPhase	PhaseEndDate	2/1/2021	12/31/2020

tblConstructionPhase	PhaseEndDate	6/1/2017	3/31/2017
tblConstructionPhase	PhaseEndDate	3/2/2020	12/31/2019
tblConstructionPhase	PhaseEndDate	11/28/2022	7/29/2022
tblConstructionPhase	PhaseEndDate	1/28/2020	12/29/2017
tblConstructionPhase	PhaseEndDate	11/30/2020	11/29/2019
tblConstructionPhase	PhaseStartDate	3/1/2022	9/1/2021
tblConstructionPhase	PhaseStartDate	12/30/2017	5/1/2017
tblConstructionPhase	PhaseStartDate	11/1/2017	7/2/2018
tblConstructionPhase	PhaseStartDate	1/1/2020	12/2/2019
tblConstructionPhase	PhaseStartDate	1/1/2021	11/2/2020
tblConstructionPhase	PhaseStartDate	4/1/2017	9/1/2016
tblConstructionPhase	PhaseStartDate	4/1/2020	1/1/2020
tblConstructionPhase	PhaseStartDate	11/30/2019	7/1/2019
tblConstructionPhase	PhaseStartDate	7/1/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	4/30/2016	3/1/2016
tblConstructionPhase	PhaseStartDate	11/30/2019	10/1/2019
tblConstructionPhase	PhaseStartDate	7/30/2022	4/1/2022
tblConstructionPhase	PhaseStartDate	5/1/2019	4/3/2017
tblConstructionPhase	PhaseStartDate	11/1/2019	11/1/2018
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	663.00	0.00
tblFireplaces	NumberNoFireplace	78.00	0.00
tblFireplaces	NumberWood	39.00	0.00
tblGrading	AcresOfGrading	385.00	2.00
tblGrading	AcresOfGrading	710.00	4.20
tblGrading	AcresOfGrading	165.00	3.10

tblGrading	MaterialExported	0.00	200,000.00
tblGrading	MaterialExported	0.00	180,000.00
tblGrading	MaterialImported	0.00	68,200.00
tblLandUse	LandUseSquareFeet	575,790.00	575,793.00
tblLandUse	LandUseSquareFeet	200,000.00	235,000.00
tblLandUse	LandUseSquareFeet	580,000.00	650,000.00
tblLandUse	LotAcreage	13.22	3.78
tblLandUse	LotAcreage	2.11	1.73
tblLandUse	LotAcreage	2.25	0.00
tblLandUse	LotAcreage	4.58	0.00
tblLandUse	LotAcreage	6.52	0.00
tblLandUse	LotAcreage	0.18	0.00
tblLandUse	LotAcreage	6.67	0.00
tblLandUse	LotAcreage	3.13	0.90
tblLandUse	LotAcreage	9.06	6.29
tblLandUse	LotAcreage	0.73	0.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	VendorTripNumber	367.00	354.00
tblTripsAndVMT	VendorTripNumber	367.00	354.00
tblTripsAndVMT	VendorTripNumber	367.00	354.00
tblTripsAndVMT	WorkerTripNumber	1,227.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	1,227.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	245.00	229.00
tblTripsAndVMT	WorkerTripNumber	1,227.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	245.00	229.00
tblTripsAndVMT	WorkerTripNumber	245.00	229.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01

tblVehicleEF	HHD	3.16	3.42
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	53.80	51.65
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tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	3.93	3.33
tblVehicleEF	HHD	4.25	3.36
tblVehicleEF	HHD	3.53	3.38
tblVehicleEF	HHD	9.7330e-003	9.3010e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	8.9550e-003	8.5570e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4370e-003	1.3690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.56	0.61
tblVehicleEF	HHD	1.0510e-003	1.0190e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.42	1.22
tblVehicleEF	HHD	5.5990e-003	5.5920e-003

tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4410e-003	1.3960e-003
tblVehicleEF	HHD	1.4370e-003	1.3690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.64	0.69
tblVehicleEF	HHD	1.0510e-003	1.0190e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.52	1.30
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.30	2.49
tblVehicleEF	HHD	1.69	1.70
tblVehicleEF	HHD	43.34	41.60
tblVehicleEF	HHD	559.60	558.89
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	4.06	3.43
tblVehicleEF	HHD	4.01	3.17
tblVehicleEF	HHD	3.38	3.24
tblVehicleEF	HHD	8.2050e-003	7.8410e-003
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	7.5490e-003	7.2140e-003
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	2.3200e-003	2.1960e-003
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tblVehicleEF	HHD	0.53	0.57
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
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tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.24	1.06
tblVehicleEF	HHD	5.9320e-003	5.9240e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2710e-003	1.2330e-003
tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.60	0.65
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.32	1.14
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	4.35	4.71
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	54.58	52.38
tblVehicleEF	HHD	484.88	484.26
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32

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tblVehicleEF	HHD	3.76	3.18
tblVehicleEF	HHD	4.18	3.31
tblVehicleEF	HHD	3.54	3.40
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.61	0.66
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.44	1.23
tblVehicleEF	HHD	5.1400e-003	5.1330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4540e-003	1.4080e-003
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.69	0.75
tblVehicleEF	HHD	1.0540e-003	1.0120e-003

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tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.54	1.31
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.77	0.71
tblVehicleEF	LDA	1.39	1.21
tblVehicleEF	LDA	248.70	239.34
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5970e-003	3.6040e-003
tblVehicleEF	LDA	7.6100e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02

tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
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tblVehicleEF	LDA	261.60	251.82
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	3.7860e-003	3.7940e-003
tblVehicleEF	LDA	7.5600e-004	7.5400e-004
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.21	0.19

tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
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tblVehicleEF	LDA	1.44	1.25
tblVehicleEF	LDA	244.71	235.50
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5390e-003	3.5450e-003
tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09

tblVehicleEF	LDT1	0.02	0.02
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tblVehicleEF	LDT1	2.05	1.76
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tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02

tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
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tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
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tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
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tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01

tblVehicleEF	LDT1	1.98	1.71
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tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95

tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
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tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35

tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11

tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65

tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
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tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004

tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15

tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
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tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
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tblVehicleEF	LHD2	1.47	1.25
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tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004

tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
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tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
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tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
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tblVehicleEF	LHD2	1.53	1.30

tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
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tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
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tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06

tblVehicleEF	MCY	141.43	142.62
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tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
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tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003

tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003
tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004

tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
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tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
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tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003

tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003

tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003

tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
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tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06

tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08

tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09

tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003

tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003

tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40
tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85
tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35

tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92

tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29

tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04

tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52
tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003

tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88

tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15

tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	39.00	0.00

tblWoodstoves	NumberNoncatalytic	39.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	1.5611	15.8757	14.8099	0.0272	1.9419	0.6454	2.5873	0.7364	0.5966	1.3331	0.0000	2,393.7998	2,393.7998	0.2977	0.0000	2,400.0506
2017	3.4369	13.1616	20.2302	0.0421	3.1264	0.5456	3.6720	1.0755	0.5073	1.5828	0.0000	3,417.9267	3,417.9267	0.2895	0.0000	3,424.0070
2018	3.5586	7.8104	15.8436	0.0363	2.0890	0.2949	2.3838	0.5604	0.2761	0.8365	0.0000	2,815.3216	2,815.3216	0.1752	0.0000	2,819.0002
2019	4.9317	9.5482	12.8772	0.0282	1.4553	0.4010	1.8563	0.4375	0.3725	0.8100	0.0000	2,245.8493	2,245.8493	0.2662	0.0000	2,251.4394
2020	1.1824	10.9821	13.1074	0.0313	1.6706	0.4091	2.0797	0.5624	0.3787	0.9411	0.0000	2,513.0474	2,513.0474	0.2662	0.0000	2,518.6371
2021	3.5131	5.3166	13.0886	0.0350	2.0314	0.1863	2.2177	0.5452	0.1743	0.7195	0.0000	2,532.6288	2,532.6288	0.1435	0.0000	2,535.6425
2022	4.5664	1.3805	3.3252	8.8400e-003	0.4973	0.0570	0.5542	0.1330	0.0533	0.1862	0.0000	633.8594	633.8594	0.0567	0.0000	635.0502
Total	**22.7502**	**64.0752**	**93.2821**	**0.2089**	**12.8119**	**2.5391**	**15.3510**	**4.0504**	**2.3587**	**6.4091**	**0.0000**	**16,552.4331**	**16,552.4331**	**1.4949**	**0.0000**	**16,583.8267**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.6365	5.0246	12.7082	0.0272	1.3521	0.0711	1.4233	0.4599	0.0656	0.5255	0.0000	2,393.7988	2,393.7988	0.2977	0.0000	2,400.0495
2017	2.7232	5.8648	19.9582	0.0421	2.6493	0.0856	2.7349	0.8160	0.0789	0.8949	0.0000	3,417.9258	3,417.9258	0.2895	0.0000	3,424.0061
2018	3.2066	4.5994	15.8786	0.0363	2.0890	0.0708	2.1597	0.5604	0.0653	0.6257	0.0000	2,815.3212	2,815.3212	0.1752	0.0000	2,818.9997
2019	4.3658	3.2736	12.6325	0.0282	1.3056	0.0498	1.3554	0.3714	0.0460	0.4174	0.0000	2,245.8484	2,245.8484	0.2662	0.0000	2,251.4384
2020	0.6225	4.6308	12.4834	0.0313	1.3322	0.0795	1.4117	0.4096	0.0734	0.4830	0.0000	2,513.0465	2,513.0465	0.2662	0.0000	2,518.6362
2021	3.3003	3.2830	13.2033	0.0350	2.0314	0.0583	2.0898	0.5452	0.0538	0.5990	0.0000	2,532.6285	2,532.6285	0.1435	0.0000	2,535.6421
2022	4.4905	0.5937	3.4626	8.8400e-003	0.4973	0.0108	0.5080	0.1330	9.9500e-003	0.1429	0.0000	633.8593	633.8593	0.0567	0.0000	635.0500
Total	**19.3455**	**27.2699**	**90.3267**	**0.2089**	**11.2568**	**0.4259**	**11.6827**	**3.2953**	**0.3930**	**3.6883**	**0.0000**	**16,552.4283**	**16,552.4283**	**1.4949**	**0.0000**	**16,583.8220**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**14.97**	**57.44**	**3.17**	**0.00**	**12.14**	**83.23**	**23.90**	**18.64**	**83.34**	**42.45**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	11.7277	0.0936	8.1014	4.3000e-004		0.0445	0.0445		0.0445	0.0445	0.0000	13.1990	13.1990	0.0130	0.0000	13.4714
Energy	0.1534	1.3613	0.9289	8.3700e-003		0.1060	0.1060		0.1060	0.1060	0.0000	7,308.5748	7,308.5748	0.2953	0.0829	7,340.4744
Mobile	8.1561	20.5618	87.1250	0.2799	18.8700	0.3768	19.2468	5.0503	0.3476	5.3980	0.0000	19,227.3768	19,227.3768	0.6474	0.0000	19,240.9722
Waste						0.0000	0.0000		0.0000	0.0000	804.6745	0.0000	804.6745	47.5549	0.0000	1,803.3273
Water						0.0000	0.0000		0.0000	0.0000	56.4575	1,021.0818	1,077.5393	5.8457	0.1466	1,245.7540
Total	**20.0372**	**22.0168**	**96.1553**	**0.2887**	**18.8700**	**0.5273**	**19.3973**	**5.0503**	**0.4981**	**5.5484**	**861.1320**	**27,570.2323**	**28,431.3642**	**54.3562**	**0.2295**	**29,643.9992**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.2925	0.0837	7.1245	3.5000e-004		0.0388	0.0388		0.0388	0.0388	0.0000	11.2127	11.2127	9.8600e-003	0.0000	11.4198
Energy	0.1288	1.1429	0.7796	7.0200e-003		0.0890	0.0890		0.0890	0.0890	0.0000	4,318.5119	4,318.5119	0.1644	0.0523	4,338.1810
Mobile	7.3592	14.8803	67.5822	0.1886	12.5192	0.2596	12.7789	3.3506	0.2396	3.5902	0.0000	12,957.7687	12,957.7687	0.4483	0.0000	12,967.1832
Waste						0.0000	0.0000		0.0000	0.0000	804.6745	0.0000	804.6745	47.5549	0.0000	1,803.3273
Water						0.0000	0.0000		0.0000	0.0000	45.1660	866.6250	911.7910	4.6780	0.1176	1,046.4854
Total	**17.7805**	**16.1070**	**75.4862**	**0.1960**	**12.5192**	**0.3874**	**12.9066**	**3.3506**	**0.3673**	**3.7179**	**849.8405**	**18,154.1182**	**19,003.9587**	**52.8554**	**0.1699**	**20,166.5966**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**11.26**	**26.84**	**21.50**	**32.10**	**33.66**	**26.53**	**33.46**	**33.66**	**26.26**	**32.99**	**1.31**	**34.15**	**33.16**	**2.76**	**25.97**	**31.97**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 475,875; Residential Outdoor: 158,625; Non-Residential Indoor: 150,000; Non-Residential Outdoor: 50,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38

Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29

Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2048	0.0000	0.2048	0.0310	0.0000	0.0310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1844	1.9632	1.5063	1.7200e-003		0.0986	0.0986		0.0919	0.0919	0.0000	159.5187	159.5187	0.0434	0.0000	160.4296
Total	**0.1844**	**1.9632**	**1.5063**	**1.7200e-003**	**0.2048**	**0.0986**	**0.3033**	**0.0310**	**0.0919**	**0.1229**	**0.0000**	**159.5187**	**159.5187**	**0.0434**	**0.0000**	**160.4296**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0168	0.2733	0.2066	7.0000e-004	0.0162	4.1200e-003	0.0203	4.4500e-003	3.7900e-003	8.2400e-003	0.0000	63.7134	63.7134	4.6000e-004	0.0000	63.7229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	3.8100e-003	0.0396	9.0000e-005	7.0800e-003	6.0000e-005	7.1400e-003	1.8800e-003	6.0000e-005	1.9300e-003	0.0000	6.6298	6.6298	3.6000e-004	0.0000	6.6373
Total	**0.0194**	**0.2771**	**0.2462**	**7.9000e-004**	**0.0233**	**4.1800e-003**	**0.0275**	**6.3300e-003**	**3.8500e-003**	**0.0102**	**0.0000**	**70.3431**	**70.3431**	**8.2000e-004**	**0.0000**	**70.3602**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0921	0.0000	0.0921	0.0140	0.0000	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.0883	1.0245	1.7200e-003		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	159.5185	159.5185	0.0434	0.0000	160.4295
Total	**0.0204**	**0.0883**	**1.0245**	**1.7200e-003**	**0.0921**	**4.1000e-004**	**0.0926**	**0.0140**	**4.1000e-004**	**0.0144**	**0.0000**	**159.5185**	**159.5185**	**0.0434**	**0.0000**	**160.4295**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0168	0.2733	0.2066	7.0000e-004	0.0162	4.1200e-003	0.0203	4.4500e-003	3.7900e-003	8.2400e-003	0.0000	63.7134	63.7134	4.6000e-004	0.0000	63.7229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	3.8100e-003	0.0396	9.0000e-005	7.0800e-003	6.0000e-005	7.1400e-003	1.8800e-003	6.0000e-005	1.9300e-003	0.0000	6.6298	6.6298	3.6000e-004	0.0000	6.6373
Total	**0.0194**	**0.2771**	**0.2462**	**7.9000e-004**	**0.0233**	**4.1800e-003**	**0.0275**	**6.3300e-003**	**3.8500e-003**	**0.0102**	**0.0000**	**70.3431**	**70.3431**	**8.2000e-004**	**0.0000**	**70.3602**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8675	0.0000	0.8675	0.4718	0.0000	0.4718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7095	8.1921	5.3806	6.7600e-003		0.3925	0.3925		0.3611	0.3611	0.0000	637.2432	637.2432	0.1922	0.0000	641.2797
Total	**0.7095**	**8.1921**	**5.3806**	**6.7600e-003**	**0.8675**	**0.3925**	**1.2600**	**0.4718**	**0.3611**	**0.8329**	**0.0000**	**637.2432**	**637.2432**	**0.1922**	**0.0000**	**641.2797**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1544	2.5065	1.8945	6.3900e-003	0.1820	0.0378	0.2198	0.0490	0.0348	0.0837	0.0000	584.2754	584.2754	4.1800e-003	0.0000	584.3632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-003	0.0129	0.1344	3.0000e-004	0.0240	2.0000e-004	0.0242	6.3800e-003	1.9000e-004	6.5700e-003	0.0000	22.5105	22.5105	1.2100e-003	0.0000	22.5359
Total	**0.1632**	**2.5194**	**2.0289**	**6.6900e-003**	**0.2061**	**0.0380**	**0.2441**	**0.0554**	**0.0350**	**0.0903**	**0.0000**	**606.7859**	**606.7859**	**5.3900e-003**	**0.0000**	**606.8991**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3904	0.0000	0.3904	0.2123	0.0000	0.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0828	0.3589	3.8083	6.7600e-003		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	637.2424	637.2424	0.1922	0.0000	641.2790
Total	**0.0828**	**0.3589**	**3.8083**	**6.7600e-003**	**0.3904**	**1.6600e-003**	**0.3921**	**0.2123**	**1.6600e-003**	**0.2140**	**0.0000**	**637.2424**	**637.2424**	**0.1922**	**0.0000**	**641.2790**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1544	2.5065	1.8945	6.3900e-003	0.1820	0.0378	0.2198	0.0490	0.0348	0.0837	0.0000	584.2754	584.2754	4.1800e-003	0.0000	584.3632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-003	0.0129	0.1344	3.0000e-004	0.0240	2.0000e-004	0.0242	6.3800e-003	1.9000e-004	6.5700e-003	0.0000	22.5105	22.5105	1.2100e-003	0.0000	22.5359
Total	**0.1632**	**2.5194**	**2.0289**	**6.6900e-003**	**0.2061**	**0.0380**	**0.2441**	**0.0554**	**0.0350**	**0.0903**	**0.0000**	**606.7859**	**606.7859**	**5.3900e-003**	**0.0000**	**606.8991**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8675	0.0000	0.8675	0.4718	0.0000	0.4718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1982	2.2617	1.5212	2.0100e-003		0.1078	0.1078		0.0992	0.0992	0.0000	186.1402	186.1402	0.0570	0.0000	187.3379
Total	**0.1982**	**2.2617**	**1.5212**	**2.0100e-003**	**0.8675**	**0.1078**	**0.9754**	**0.4718**	**0.0992**	**0.5710**	**0.0000**	**186.1402**	**186.1402**	**0.0570**	**0.0000**	**187.3379**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0432	0.6818	0.5421	1.9000e-003	0.1564	0.0103	0.1667	0.0397	9.4300e-003	0.0491	0.0000	170.5682	170.5682	1.2100e-003	0.0000	170.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	3.4600e-003	0.0360	9.0000e-005	7.1300e-003	6.0000e-005	7.1900e-003	1.8900e-003	5.0000e-005	1.9500e-003	0.0000	6.4247	6.4247	3.3000e-004	0.0000	6.4316
Total	**0.0455**	**0.6853**	**0.5781**	**1.9900e-003**	**0.1635**	**0.0103**	**0.1739**	**0.0416**	**9.4800e-003**	**0.0510**	**0.0000**	**176.9928**	**176.9928**	**1.5400e-003**	**0.0000**	**177.0253**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3904	0.0000	0.3904	0.2123	0.0000	0.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0246	0.1065	1.1303	2.0100e-003		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	186.1400	186.1400	0.0570	0.0000	187.3377
Total	**0.0246**	**0.1065**	**1.1303**	**2.0100e-003**	**0.3904**	**4.9000e-004**	**0.3909**	**0.2123**	**4.9000e-004**	**0.2128**	**0.0000**	**186.1400**	**186.1400**	**0.0570**	**0.0000**	**187.3377**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0432	0.6818	0.5421	1.9000e-003	0.1564	0.0103	0.1667	0.0397	9.4300e-003	0.0491	0.0000	170.5682	170.5682	1.2100e-003	0.0000	170.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	3.4600e-003	0.0360	9.0000e-005	7.1300e-003	6.0000e-005	7.1900e-003	1.8900e-003	5.0000e-005	1.9500e-003	0.0000	6.4247	6.4247	3.3000e-004	0.0000	6.4316
Total	**0.0455**	**0.6853**	**0.5781**	**1.9900e-003**	**0.1635**	**0.0103**	**0.1739**	**0.0416**	**9.4800e-003**	**0.0510**	**0.0000**	**176.9928**	**176.9928**	**1.5400e-003**	**0.0000**	**177.0253**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	1.2400	0.8050	1.1700e-003		0.0856	0.0856		0.0804	0.0804	0.0000	105.3368	105.3368	0.0261	0.0000	105.8854
Total	**0.1482**	**1.2400**	**0.8050**	**1.1700e-003**		**0.0856**	**0.0856**		**0.0804**	**0.0804**	**0.0000**	**105.3368**	**105.3368**	**0.0261**	**0.0000**	**105.8854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1366	1.3903	1.7922	3.3400e-003	0.0948	0.0220	0.1167	0.0270	0.0202	0.0473	0.0000	303.5079	303.5079	2.2000e-003	0.0000	303.5541
Worker	0.1999	0.2936	3.0508	6.7000e-003	0.5455	4.6400e-003	0.5501	0.1449	4.2700e-003	0.1491	0.0000	511.0643	511.0643	0.0275	0.0000	511.6424
Total	**0.3365**	**1.6839**	**4.8430**	**0.0100**	**0.6403**	**0.0266**	**0.6669**	**0.1719**	**0.0245**	**0.1964**	**0.0000**	**814.5722**	**814.5722**	**0.0297**	**0.0000**	**815.1965**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.0970	0.7574	1.1700e-003		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	105.3367	105.3367	0.0261	0.0000	105.8853
Total	**0.0142**	**0.0970**	**0.7574**	**1.1700e-003**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**105.3367**	**105.3367**	**0.0261**	**0.0000**	**105.8853**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1366	1.3903	1.7922	3.3400e-003	0.0948	0.0220	0.1167	0.0270	0.0202	0.0473	0.0000	303.5079	303.5079	2.2000e-003	0.0000	303.5541
Worker	0.1999	0.2936	3.0508	6.7000e-003	0.5455	4.6400e-003	0.5501	0.1449	4.2700e-003	0.1491	0.0000	511.0643	511.0643	0.0275	0.0000	511.6424
Total	**0.3365**	**1.6839**	**4.8430**	**0.0100**	**0.6403**	**0.0266**	**0.6669**	**0.1719**	**0.0245**	**0.1964**	**0.0000**	**814.5722**	**814.5722**	**0.0297**	**0.0000**	**815.1965**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	**0.4033**	**3.4327**	**2.3568**	**3.4900e-003**		**0.2316**	**0.2316**		**0.2175**	**0.2175**	**0.0000**	**311.3228**	**311.3228**	**0.0766**	**0.0000**	**312.9319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3732	3.7785	5.0754	9.9700e-003	0.2833	0.0586	0.3419	0.0809	0.0539	0.1348	0.0000	892.3358	892.3358	6.3600e-003	0.0000	892.4694
Worker	0.5348	0.7920	8.2224	0.0200	1.6302	0.0134	1.6436	0.4330	0.0123	0.4453	0.0000	1,468.6789	1,468.6789	0.0759	0.0000	1,470.2729
Total	**0.9080**	**4.5704**	**13.2978**	**0.0300**	**1.9135**	**0.0720**	**1.9854**	**0.5138**	**0.0662**	**0.5800**	**0.0000**	**2,361.0146**	**2,361.0146**	**0.0823**	**0.0000**	**2,362.7423**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0424	0.2898	2.2634	3.4900e-003		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315
Total	**0.0424**	**0.2898**	**2.2634**	**3.4900e-003**		**7.9000e-004**	**7.9000e-004**		**7.9000e-004**	**7.9000e-004**	**0.0000**	**311.3225**	**311.3225**	**0.0766**	**0.0000**	**312.9315**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3732	3.7785	5.0754	9.9700e-003	0.2833	0.0586	0.3419	0.0809	0.0539	0.1348	0.0000	892.3358	892.3358	6.3600e-003	0.0000	892.4694
Worker	0.5348	0.7920	8.2224	0.0200	1.6302	0.0134	1.6436	0.4330	0.0123	0.4453	0.0000	1,468.6789	1,468.6789	0.0759	0.0000	1,470.2729
Total	**0.9080**	**4.5704**	**13.2978**	**0.0300**	**1.9135**	**0.0720**	**1.9854**	**0.5138**	**0.0662**	**0.5800**	**0.0000**	**2,361.0146**	**2,361.0146**	**0.0823**	**0.0000**	**2,362.7423**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9844**	**308.9844**	**0.0756**	**0.0000**	**310.5723**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3504	3.4794	4.8810	0.0100	0.2844	0.0554	0.3398	0.0812	0.0510	0.1322	0.0000	880.7298	880.7298	6.3500e-003	0.0000	880.8631
Worker	0.4821	0.7211	7.4737	0.0201	1.6365	0.0131	1.6496	0.4346	0.0121	0.4467	0.0000	1,419.2991	1,419.2991	0.0707	0.0000	1,420.7842
Total	**0.8325**	**4.2004**	**12.3548**	**0.0301**	**1.9209**	**0.0685**	**1.9893**	**0.5158**	**0.0631**	**0.5789**	**0.0000**	**2,300.0289**	**2,300.0289**	**0.0771**	**0.0000**	**2,301.6473**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	**0.0426**	**0.2909**	**2.2721**	**3.5000e-003**		**7.9000e-004**	**7.9000e-004**		**7.9000e-004**	**7.9000e-004**	**0.0000**	**308.9841**	**308.9841**	**0.0756**	**0.0000**	**310.5720**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3504	3.4794	4.8810	0.0100	0.2844	0.0554	0.3398	0.0812	0.0510	0.1322	0.0000	880.7298	880.7298	6.3500e-003	0.0000	880.8631
Worker	0.4821	0.7211	7.4737	0.0201	1.6365	0.0131	1.6496	0.4346	0.0121	0.4467	0.0000	1,419.2991	1,419.2991	0.0707	0.0000	1,420.7842
Total	**0.8325**	**4.2004**	**12.3548**	**0.0301**	**1.9209**	**0.0685**	**1.9893**	**0.5158**	**0.0631**	**0.5789**	**0.0000**	**2,300.0289**	**2,300.0289**	**0.0771**	**0.0000**	**2,301.6473**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1011	0.9015	0.7362	1.1500e-003		0.0553	0.0553		0.0520	0.0520	0.0000	100.6728	100.6728	0.0245	0.0000	101.1872
Total	**0.1011**	**0.9015**	**0.7362**	**1.1500e-003**		**0.0553**	**0.0553**		**0.0520**	**0.0520**	**0.0000**	**100.6728**	**100.6728**	**0.0245**	**0.0000**	**101.1872**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1092	1.0567	1.5537	3.2800e-003	0.0937	0.0173	0.1110	0.0268	0.0160	0.0427	0.0000	284.5598	284.5598	2.0500e-003	0.0000	284.6029
Worker	0.1459	0.2179	2.2582	6.6000e-003	0.5392	4.2200e-003	0.5435	0.1432	3.9200e-003	0.1471	0.0000	449.8642	449.8642	0.0218	0.0000	450.3222
Total	**0.2551**	**1.2746**	**3.8119**	**9.8800e-003**	**0.6329**	**0.0216**	**0.6545**	**0.1700**	**0.0199**	**0.1898**	**0.0000**	**734.4240**	**734.4240**	**0.0239**	**0.0000**	**734.9252**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0140	0.0958	0.7487	1.1500e-003		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	100.6727	100.6727	0.0245	0.0000	101.1871
Total	**0.0140**	**0.0958**	**0.7487**	**1.1500e-003**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**100.6727**	**100.6727**	**0.0245**	**0.0000**	**101.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1092	1.0567	1.5537	3.2800e-003	0.0937	0.0173	0.1110	0.0268	0.0160	0.0427	0.0000	284.5598	284.5598	2.0500e-003	0.0000	284.6029
Worker	0.1459	0.2179	2.2582	6.6000e-003	0.5392	4.2200e-003	0.5435	0.1432	3.9200e-003	0.1471	0.0000	449.8642	449.8642	0.0218	0.0000	450.3222
Total	**0.2551**	**1.2746**	**3.8119**	**9.8800e-003**	**0.6329**	**0.0216**	**0.6545**	**0.1700**	**0.0199**	**0.1898**	**0.0000**	**734.4240**	**734.4240**	**0.0239**	**0.0000**	**734.9252**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1860	1.9789	1.4359	2.1700e-003		0.1110	0.1110		0.1021	0.1021	0.0000	201.7608	201.7608	0.0618	0.0000	203.0590
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1860**	**1.9789**	**1.4359**	**2.1700e-003**		**0.1110**	**0.1110**		**0.1021**	**0.1021**	**0.0000**	**201.7608**	**201.7608**	**0.0618**	**0.0000**	**203.0590**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2600e-003	7.7900e-003	0.0809	2.0000e-004	0.0161	1.3000e-004	0.0162	4.2600e-003	1.2000e-004	4.3800e-003	0.0000	14.4555	14.4555	7.5000e-004	0.0000	14.4712
Total	**5.2600e-003**	**7.7900e-003**	**0.0809**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0162**	**4.2600e-003**	**1.2000e-004**	**4.3800e-003**	**0.0000**	**14.4555**	**14.4555**	**7.5000e-004**	**0.0000**	**14.4712**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0268	0.1160	1.6504	2.1700e-003		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	201.7606	201.7606	0.0618	0.0000	203.0588
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0268**	**0.1160**	**1.6504**	**2.1700e-003**		**5.4000e-004**	**5.4000e-004**		**5.4000e-004**	**5.4000e-004**	**0.0000**	**201.7606**	**201.7606**	**0.0618**	**0.0000**	**203.0588**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2600e-003	7.7900e-003	0.0809	2.0000e-004	0.0161	1.3000e-004	0.0162	4.2600e-003	1.2000e-004	4.3800e-003	0.0000	14.4555	14.4555	7.5000e-004	0.0000	14.4712
Total	**5.2600e-003**	**7.7900e-003**	**0.0809**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0162**	**4.2600e-003**	**1.2000e-004**	**4.3800e-003**	**0.0000**	**14.4555**	**14.4555**	**7.5000e-004**	**0.0000**	**14.4712**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6143					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0219	0.1442	0.1233	2.0000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	16.8515	16.8515	1.7800e-003	0.0000	16.8888
Total	**1.6362**	**0.1442**	**0.1233**	**2.0000e-004**		**0.0114**	**0.0114**		**0.0114**	**0.0114**	**0.0000**	**16.8515**	**16.8515**	**1.7800e-003**	**0.0000**	**16.8888**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0806	0.8364	2.0400e-003	0.1658	1.3600e-003	0.1672	0.0440	1.2500e-003	0.0453	0.0000	149.3883	149.3883	7.7200e-003	0.0000	149.5505
Total	**0.0544**	**0.0806**	**0.8364**	**2.0400e-003**	**0.1658**	**1.3600e-003**	**0.1672**	**0.0440**	**1.2500e-003**	**0.0453**	**0.0000**	**149.3883**	**149.3883**	**7.7200e-003**	**0.0000**	**149.5505**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.6143					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9600e-003	8.5000e-003	0.1209	2.0000e-004		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	16.8515	16.8515	1.7800e-003	0.0000	16.8888
Total	**1.6162**	**8.5000e-003**	**0.1209**	**2.0000e-004**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**16.8515**	**16.8515**	**1.7800e-003**	**0.0000**	**16.8888**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0806	0.8364	2.0400e-003	0.1658	1.3600e-003	0.1672	0.0440	1.2500e-003	0.0453	0.0000	149.3883	149.3883	7.7200e-003	0.0000	149.5505
Total	**0.0544**	**0.0806**	**0.8364**	**2.0400e-003**	**0.1658**	**1.3600e-003**	**0.1672**	**0.0440**	**1.2500e-003**	**0.0453**	**0.0000**	**149.3883**	**149.3883**	**7.7200e-003**	**0.0000**	**149.5505**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2741					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0196	0.1314	0.1215	1.9000e-004		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	16.7238	16.7238	1.5900e-003	0.0000	16.7572
Total	**2.2936**	**0.1314**	**0.1215**	**1.9000e-004**		**9.8600e-003**	**9.8600e-003**		**9.8600e-003**	**9.8600e-003**	**0.0000**	**16.7238**	**16.7238**	**1.5900e-003**	**0.0000**	**16.7572**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0485	0.0725	0.7516	2.0200e-003	0.1646	1.3100e-003	0.1659	0.0437	1.2100e-003	0.0449	0.0000	142.7230	142.7230	7.1100e-003	0.0000	142.8723
Total	**0.0485**	**0.0725**	**0.7516**	**2.0200e-003**	**0.1646**	**1.3100e-003**	**0.1659**	**0.0437**	**1.2100e-003**	**0.0449**	**0.0000**	**142.7230**	**142.7230**	**7.1100e-003**	**0.0000**	**142.8723**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2741					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9500e-003	8.4300e-003	0.1200	1.9000e-004		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	16.7238	16.7238	1.5900e-003	0.0000	16.7572
Total	**2.2760**	**8.4300e-003**	**0.1200**	**1.9000e-004**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**16.7238**	**16.7238**	**1.5900e-003**	**0.0000**	**16.7572**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0485	0.0725	0.7516	2.0200e-003	0.1646	1.3100e-003	0.1659	0.0437	1.2100e-003	0.0449	0.0000	142.7230	142.7230	7.1100e-003	0.0000	142.8723
Total	**0.0485**	**0.0725**	**0.7516**	**2.0200e-003**	**0.1646**	**1.3100e-003**	**0.1659**	**0.0437**	**1.2100e-003**	**0.0449**	**0.0000**	**142.7230**	**142.7230**	**7.1100e-003**	**0.0000**	**142.8723**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.7843					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0290	0.2001	0.2007	3.2000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	27.8305	27.8305	2.3500e-003	0.0000	27.8798
Total	**3.8134**	**0.2001**	**0.2007**	**3.2000e-004**		**0.0140**	**0.0140**		**0.0140**	**0.0140**	**0.0000**	**27.8305**	**27.8305**	**2.3500e-003**	**0.0000**	**27.8798**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.1107	1.1469	3.3500e-003	0.2739	2.1500e-003	0.2760	0.0727	1.9900e-003	0.0747	0.0000	228.4697	228.4697	0.0111	0.0000	228.7024
Total	**0.0741**	**0.1107**	**1.1469**	**3.3500e-003**	**0.2739**	**2.1500e-003**	**0.2760**	**0.0727**	**1.9900e-003**	**0.0747**	**0.0000**	**228.4697**	**228.4697**	**0.0111**	**0.0000**	**228.7024**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.7843					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2400e-003	0.0140	0.1997	3.2000e-004		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	27.8304	27.8304	2.3500e-003	0.0000	27.8798
Total	**3.7876**	**0.0140**	**0.1997**	**3.2000e-004**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**27.8304**	**27.8304**	**2.3500e-003**	**0.0000**	**27.8798**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.1107	1.1469	3.3500e-003	0.2739	2.1500e-003	0.2760	0.0727	1.9900e-003	0.0747	0.0000	228.4697	228.4697	0.0111	0.0000	228.7024
Total	**0.0741**	**0.1107**	**1.1469**	**3.3500e-003**	**0.2739**	**2.1500e-003**	**0.2760**	**0.0727**	**1.9900e-003**	**0.0747**	**0.0000**	**228.4697**	**228.4697**	**0.0111**	**0.0000**	**228.7024**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0347	0.3690	0.3116	4.8000e-004		0.0202	0.0202		0.0186	0.0186	0.0000	43.7928	43.7928	0.0136	0.0000	44.0791
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0347**	**0.3690**	**0.3116**	**4.8000e-004**		**0.0202**	**0.0202**		**0.0186**	**0.0186**	**0.0000**	**43.7928**	**43.7928**	**0.0136**	**0.0000**	**44.0791**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	1.5600e-003	0.0162	4.0000e-005	3.5400e-003	3.0000e-005	3.5700e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.0687	3.0687	1.5000e-004	0.0000	3.0719
Total	**1.0400e-003**	**1.5600e-003**	**0.0162**	**4.0000e-005**	**3.5400e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.0687**	**3.0687**	**1.5000e-004**	**0.0000**	**3.0719**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.9000e-003	0.0256	0.3639	4.8000e-004		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	43.7927	43.7927	0.0136	0.0000	44.0790
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.9000e-003**	**0.0256**	**0.3639**	**4.8000e-004**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**43.7927**	**43.7927**	**0.0136**	**0.0000**	**44.0790**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	1.5600e-003	0.0162	4.0000e-005	3.5400e-003	3.0000e-005	3.5700e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.0687	3.0687	1.5000e-004	0.0000	3.0719
Total	**1.0400e-003**	**1.5600e-003**	**0.0162**	**4.0000e-005**	**3.5400e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.0687**	**3.0687**	**1.5000e-004**	**0.0000**	**3.0719**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1704	1.7848	1.7166	2.6700e-003		0.0967	0.0967		0.0890	0.0890	0.0000	239.4716	239.4716	0.0758	0.0000	241.0627
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1704**	**1.7848**	**1.7166**	**2.6700e-003**		**0.0967**	**0.0967**		**0.0890**	**0.0890**	**0.0000**	**239.4716**	**239.4716**	**0.0758**	**0.0000**	**241.0627**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	7.9500e-003	0.0824	2.4000e-004	0.0197	1.5000e-004	0.0198	5.2200e-003	1.4000e-004	5.3700e-003	0.0000	16.4069	16.4069	8.0000e-004	0.0000	16.4236
Total	**5.3200e-003**	**7.9500e-003**	**0.0824**	**2.4000e-004**	**0.0197**	**1.5000e-004**	**0.0198**	**5.2200e-003**	**1.4000e-004**	**5.3700e-003**	**0.0000**	**16.4069**	**16.4069**	**8.0000e-004**	**0.0000**	**16.4236**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0328	0.1422	2.0229	2.6700e-003		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	239.4714	239.4714	0.0758	0.0000	241.0624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0328**	**0.1422**	**2.0229**	**2.6700e-003**		**6.6000e-004**	**6.6000e-004**		**6.6000e-004**	**6.6000e-004**	**0.0000**	**239.4714**	**239.4714**	**0.0758**	**0.0000**	**241.0624**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	7.9500e-003	0.0824	2.4000e-004	0.0197	1.5000e-004	0.0198	5.2200e-003	1.4000e-004	5.3700e-003	0.0000	16.4069	16.4069	8.0000e-004	0.0000	16.4236
Total	**5.3200e-003**	**7.9500e-003**	**0.0824**	**2.4000e-004**	**0.0197**	**1.5000e-004**	**0.0198**	**5.2200e-003**	**1.4000e-004**	**5.3700e-003**	**0.0000**	**16.4069**	**16.4069**	**8.0000e-004**	**0.0000**	**16.4236**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0679	0.0000	0.0679	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1827	1.8668	1.6943	2.2000e-003		0.0905	0.0905		0.0842	0.0842	0.0000	196.0497	196.0497	0.0548	0.0000	197.1995
Total	**0.1827**	**1.8668**	**1.6943**	**2.2000e-003**	**0.0679**	**0.0905**	**0.1584**	**0.0103**	**0.0842**	**0.0945**	**0.0000**	**196.0497**	**196.0497**	**0.0548**	**0.0000**	**197.1995**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9900e-003	0.0721	0.0636	2.3000e-004	5.3900e-003	1.2500e-003	6.6300e-003	1.4800e-003	1.1500e-003	2.6300e-003	0.0000	20.0584	20.0584	1.5000e-004	0.0000	20.0615
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4500e-003	3.6600e-003	0.0379	1.1000e-004	9.0500e-003	7.0000e-005	9.1200e-003	2.4000e-003	7.0000e-005	2.4700e-003	0.0000	7.5513	7.5513	3.7000e-004	0.0000	7.5590
Total	**7.4400e-003**	**0.0757**	**0.1015**	**3.4000e-004**	**0.0144**	**1.3200e-003**	**0.0158**	**3.8800e-003**	**1.2200e-003**	**5.1000e-003**	**0.0000**	**27.6097**	**27.6097**	**5.2000e-004**	**0.0000**	**27.6205**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0306	0.0000	0.0306	4.6300e-003	0.0000	4.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0261	0.1129	1.3104	2.2000e-003		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	196.0495	196.0495	0.0548	0.0000	197.1993
Total	**0.0261**	**0.1129**	**1.3104**	**2.2000e-003**	**0.0306**	**5.2000e-004**	**0.0311**	**4.6300e-003**	**5.2000e-004**	**5.1500e-003**	**0.0000**	**196.0495**	**196.0495**	**0.0548**	**0.0000**	**197.1993**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9900e-003	0.0721	0.0636	2.3000e-004	5.3900e-003	1.2500e-003	6.6300e-003	1.4800e-003	1.1500e-003	2.6300e-003	0.0000	20.0584	20.0584	1.5000e-004	0.0000	20.0615
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4500e-003	3.6600e-003	0.0379	1.1000e-004	9.0500e-003	7.0000e-005	9.1200e-003	2.4000e-003	7.0000e-005	2.4700e-003	0.0000	7.5513	7.5513	3.7000e-004	0.0000	7.5590
Total	**7.4400e-003**	**0.0757**	**0.1015**	**3.4000e-004**	**0.0144**	**1.3200e-003**	**0.0158**	**3.8800e-003**	**1.2200e-003**	**5.1000e-003**	**0.0000**	**27.6097**	**27.6097**	**5.2000e-004**	**0.0000**	**27.6205**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2042	0.0000	0.2042	0.1100	0.0000	0.1100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1614	1.7885	1.3295	2.0400e-003		0.0827	0.0827		0.0761	0.0761	0.0000	182.9549	182.9549	0.0579	0.0000	184.1705
Total	**0.1614**	**1.7885**	**1.3295**	**2.0400e-003**	**0.2042**	**0.0827**	**0.2869**	**0.1100**	**0.0761**	**0.1861**	**0.0000**	**182.9549**	**182.9549**	**0.0579**	**0.0000**	**184.1705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0677	0.9781	0.8635	3.1200e-003	0.0731	0.0169	0.0900	0.0201	0.0156	0.0356	0.0000	272.2891	272.2891	2.0200e-003	0.0000	272.3316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9600e-003	2.9300e-003	0.0303	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.0410	6.0410	2.9000e-004	0.0000	6.0472
Total	**0.0697**	**0.9810**	**0.8938**	**3.2100e-003**	**0.0803**	**0.0170**	**0.0973**	**0.0220**	**0.0156**	**0.0376**	**0.0000**	**278.3302**	**278.3302**	**2.3100e-003**	**0.0000**	**278.3788**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0919	0.0000	0.0919	0.0495	0.0000	0.0495	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0250	0.1082	1.1477	2.0400e-003		5.0000e-004	5.0000e-004		5.0000e-004	5.0000e-004	0.0000	182.9547	182.9547	0.0579	0.0000	184.1703
Total	**0.0250**	**0.1082**	**1.1477**	**2.0400e-003**	**0.0919**	**5.0000e-004**	**0.0924**	**0.0495**	**5.0000e-004**	**0.0500**	**0.0000**	**182.9547**	**182.9547**	**0.0579**	**0.0000**	**184.1703**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0677	0.9781	0.8635	3.1200e-003	0.0731	0.0169	0.0900	0.0201	0.0156	0.0356	0.0000	272.2891	272.2891	2.0200e-003	0.0000	272.3316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9600e-003	2.9300e-003	0.0303	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.0410	6.0410	2.9000e-004	0.0000	6.0472
Total	**0.0697**	**0.9810**	**0.8938**	**3.2100e-003**	**0.0803**	**0.0170**	**0.0973**	**0.0220**	**0.0156**	**0.0376**	**0.0000**	**278.3302**	**278.3302**	**2.3100e-003**	**0.0000**	**278.3788**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0259	0.2306	0.1883	2.9000e-004		0.0141	0.0141		0.0133	0.0133	0.0000	25.7535	25.7535	6.2700e-003	0.0000	25.8851
Total	**0.0259**	**0.2306**	**0.1883**	**2.9000e-004**		**0.0141**	**0.0141**		**0.0133**	**0.0133**	**0.0000**	**25.7535**	**25.7535**	**6.2700e-003**	**0.0000**	**25.8851**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	0.2703	0.3975	8.4000e-004	0.0240	4.4300e-003	0.0284	6.8400e-003	4.0800e-003	0.0109	0.0000	72.7944	72.7944	5.2000e-004	0.0000	72.8054
Worker	0.0373	0.0557	0.5777	1.6900e-003	0.1379	1.0800e-003	0.1390	0.0366	1.0000e-003	0.0376	0.0000	115.0815	115.0815	5.5800e-003	0.0000	115.1987
Total	**0.0652**	**0.3261**	**0.9751**	**2.5300e-003**	**0.1619**	**5.5100e-003**	**0.1674**	**0.0435**	**5.0800e-003**	**0.0486**	**0.0000**	**187.8759**	**187.8759**	**6.1000e-003**	**0.0000**	**188.0041**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5900e-003	0.0245	0.1915	2.9000e-004		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	25.7535	25.7535	6.2700e-003	0.0000	25.8851
Total	**3.5900e-003**	**0.0245**	**0.1915**	**2.9000e-004**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**25.7535**	**25.7535**	**6.2700e-003**	**0.0000**	**25.8851**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	0.2703	0.3975	8.4000e-004	0.0240	4.4300e-003	0.0284	6.8400e-003	4.0800e-003	0.0109	0.0000	72.7944	72.7944	5.2000e-004	0.0000	72.8054
Worker	0.0373	0.0557	0.5777	1.6900e-003	0.1379	1.0800e-003	0.1390	0.0366	1.0000e-003	0.0376	0.0000	115.0815	115.0815	5.5800e-003	0.0000	115.1987
Total	**0.0652**	**0.3261**	**0.9751**	**2.5300e-003**	**0.1619**	**5.5100e-003**	**0.1674**	**0.0435**	**5.0800e-003**	**0.0486**	**0.0000**	**187.8759**	**187.8759**	**6.1000e-003**	**0.0000**	**188.0041**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0686	0.6202	0.5463	8.7000e-004		0.0362	0.0362		0.0340	0.0340	0.0000	74.9612	74.9612	0.0183	0.0000	75.3447
Total	**0.0686**	**0.6202**	**0.5463**	**8.7000e-004**		**0.0362**	**0.0362**		**0.0340**	**0.0340**	**0.0000**	**74.9612**	**74.9612**	**0.0183**	**0.0000**	**75.3447**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0782	0.6967	1.1387	2.4800e-003	0.0708	0.0120	0.0828	0.0202	0.0110	0.0313	0.0000	210.2300	210.2300	1.5200e-003	0.0000	210.2618
Worker	0.1033	0.1526	1.5882	4.9900e-003	0.4076	3.1700e-003	0.4107	0.1082	2.9400e-003	0.1112	0.0000	326.2020	326.2020	0.0156	0.0000	326.5299
Total	**0.1815**	**0.8493**	**2.7269**	**7.4700e-003**	**0.4784**	**0.0152**	**0.4936**	**0.1285**	**0.0140**	**0.1424**	**0.0000**	**536.4320**	**536.4320**	**0.0171**	**0.0000**	**536.7918**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0106	0.0724	0.5659	8.7000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	74.9611	74.9611	0.0183	0.0000	75.3447
Total	**0.0106**	**0.0724**	**0.5659**	**8.7000e-004**		**2.0000e-004**	**2.0000e-004**		**2.0000e-004**	**2.0000e-004**	**0.0000**	**74.9611**	**74.9611**	**0.0183**	**0.0000**	**75.3447**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0782	0.6967	1.1387	2.4800e-003	0.0708	0.0120	0.0828	0.0202	0.0110	0.0313	0.0000	210.2300	210.2300	1.5200e-003	0.0000	210.2618
Worker	0.1033	0.1526	1.5882	4.9900e-003	0.4076	3.1700e-003	0.4107	0.1082	2.9400e-003	0.1112	0.0000	326.2020	326.2020	0.0156	0.0000	326.5299
Total	**0.1815**	**0.8493**	**2.7269**	**7.4700e-003**	**0.4784**	**0.0152**	**0.4936**	**0.1285**	**0.0140**	**0.1424**	**0.0000**	**536.4320**	**536.4320**	**0.0171**	**0.0000**	**536.7918**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1393	0.0000	0.1393	0.0211	0.0000	0.0211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2013	2.0160	1.9247	2.6000e-003		0.0968	0.0968		0.0901	0.0901	0.0000	227.4441	227.4441	0.0645	0.0000	228.7980
Total	**0.2013**	**2.0160**	**1.9247**	**2.6000e-003**	**0.1393**	**0.0968**	**0.2361**	**0.0211**	**0.0901**	**0.1112**	**0.0000**	**227.4441**	**227.4441**	**0.0645**	**0.0000**	**228.7980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.1317	0.1287	4.7000e-004	0.0110	2.5300e-003	0.0136	3.0300e-003	2.3300e-003	5.3600e-003	0.0000	40.1810	40.1810	3.1000e-004	0.0000	40.1874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	4.0100e-003	0.0417	1.3000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	8.5617	8.5617	4.1000e-004	0.0000	8.5703
Total	**0.0127**	**0.1357**	**0.1703**	**6.0000e-004**	**0.0217**	**2.6100e-003**	**0.0244**	**5.8700e-003**	**2.4100e-003**	**8.2800e-003**	**0.0000**	**48.7427**	**48.7427**	**7.2000e-004**	**0.0000**	**48.7577**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0627	0.0000	0.0627	9.4900e-003	0.0000	9.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0308	0.1335	1.5487	2.6000e-003		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	227.4439	227.4439	0.0645	0.0000	228.7977
Total	**0.0308**	**0.1335**	**1.5487**	**2.6000e-003**	**0.0627**	**6.2000e-004**	**0.0633**	**9.4900e-003**	**6.2000e-004**	**0.0101**	**0.0000**	**227.4439**	**227.4439**	**0.0645**	**0.0000**	**228.7977**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.1317	0.1287	4.7000e-004	0.0110	2.5300e-003	0.0136	3.0300e-003	2.3300e-003	5.3600e-003	0.0000	40.1810	40.1810	3.1000e-004	0.0000	40.1874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	4.0100e-003	0.0417	1.3000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	8.5617	8.5617	4.1000e-004	0.0000	8.5703
Total	**0.0127**	**0.1357**	**0.1703**	**6.0000e-004**	**0.0217**	**2.6100e-003**	**0.0244**	**5.8700e-003**	**2.4100e-003**	**8.2800e-003**	**0.0000**	**48.7427**	**48.7427**	**7.2000e-004**	**0.0000**	**48.7577**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4761	0.0000	0.4761	0.2567	0.0000	0.2567	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3504	3.8026	2.9588	4.7500e-003		0.1742	0.1742		0.1602	0.1602	0.0000	417.5622	417.5622	0.1351	0.0000	420.3983
Total	**0.3504**	**3.8026**	**2.9588**	**4.7500e-003**	**0.4761**	**0.1742**	**0.6502**	**0.2567**	**0.1602**	**0.4170**	**0.0000**	**417.5622**	**417.5622**	**0.1351**	**0.0000**	**420.3983**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1944	2.5572	2.4990	9.1500e-003	0.2144	0.0492	0.2636	0.0588	0.0453	0.1041	0.0000	780.5158	780.5158	5.9400e-003	0.0000	780.6405
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2800e-003	6.3300e-003	0.0658	2.1000e-004	0.0169	1.3000e-004	0.0170	4.4900e-003	1.2000e-004	4.6100e-003	0.0000	13.5232	13.5232	6.5000e-004	0.0000	13.5367
Total	**0.1987**	**2.5636**	**2.5648**	**9.3600e-003**	**0.2313**	**0.0494**	**0.2807**	**0.0633**	**0.0454**	**0.1087**	**0.0000**	**794.0390**	**794.0390**	**6.5900e-003**	**0.0000**	**794.1773**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2142	0.0000	0.2142	0.1155	0.0000	0.1155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0582	0.2524	2.6780	4.7500e-003		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	417.5617	417.5617	0.1351	0.0000	420.3978
Total	**0.0582**	**0.2524**	**2.6780**	**4.7500e-003**	**0.2142**	**1.1600e-003**	**0.2154**	**0.1155**	**1.1600e-003**	**0.1167**	**0.0000**	**417.5617**	**417.5617**	**0.1351**	**0.0000**	**420.3978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1944	2.5572	2.4990	9.1500e-003	0.2144	0.0492	0.2636	0.0588	0.0453	0.1041	0.0000	780.5158	780.5158	5.9400e-003	0.0000	780.6405
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2800e-003	6.3300e-003	0.0658	2.1000e-004	0.0169	1.3000e-004	0.0170	4.4900e-003	1.2000e-004	4.6100e-003	0.0000	13.5232	13.5232	6.5000e-004	0.0000	13.5367
Total	**0.1987**	**2.5636**	**2.5648**	**9.3600e-003**	**0.2313**	**0.0494**	**0.2807**	**0.0633**	**0.0454**	**0.1087**	**0.0000**	**794.0390**	**794.0390**	**6.5900e-003**	**0.0000**	**794.1773**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4199	0.3698	5.9000e-004		0.0245	0.0245		0.0230	0.0230	0.0000	50.7430	50.7430	0.0124	0.0000	51.0026
Total	**0.0465**	**0.4199**	**0.3698**	**5.9000e-004**		**0.0245**	**0.0245**		**0.0230**	**0.0230**	**0.0000**	**50.7430**	**50.7430**	**0.0124**	**0.0000**	**51.0026**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0530	0.4716	0.7708	1.6800e-003	0.0479	8.1200e-003	0.0561	0.0137	7.4700e-003	0.0212	0.0000	142.3095	142.3095	1.0300e-003	0.0000	142.3311
Worker	0.0699	0.1033	1.0751	3.3800e-003	0.2759	2.1500e-003	0.2780	0.0733	1.9900e-003	0.0753	0.0000	220.8137	220.8137	0.0106	0.0000	221.0356
Total	**0.1229**	**0.5749**	**1.8459**	**5.0600e-003**	**0.3238**	**0.0103**	**0.3341**	**0.0870**	**9.4600e-003**	**0.0964**	**0.0000**	**363.1232**	**363.1232**	**0.0116**	**0.0000**	**363.3667**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1800e-003	0.0490	0.3830	5.9000e-004		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	50.7429	50.7429	0.0124	0.0000	51.0025
Total	**7.1800e-003**	**0.0490**	**0.3830**	**5.9000e-004**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**50.7429**	**50.7429**	**0.0124**	**0.0000**	**51.0025**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0530	0.4716	0.7708	1.6800e-003	0.0479	8.1200e-003	0.0561	0.0137	7.4700e-003	0.0212	0.0000	142.3095	142.3095	1.0300e-003	0.0000	142.3311
Worker	0.0699	0.1033	1.0751	3.3800e-003	0.2759	2.1500e-003	0.2780	0.0733	1.9900e-003	0.0753	0.0000	220.8137	220.8137	0.0106	0.0000	221.0356
Total	**0.1229**	**0.5749**	**1.8459**	**5.0600e-003**	**0.3238**	**0.0103**	**0.3341**	**0.0870**	**9.4600e-003**	**0.0964**	**0.0000**	**363.1232**	**363.1232**	**0.0116**	**0.0000**	**363.3667**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	**0.2471**	**2.2629**	**2.1582**	**3.5000e-003**		**0.1246**	**0.1246**		**0.1172**	**0.1172**	**0.0000**	**301.0339**	**301.0339**	**0.0725**	**0.0000**	**302.5568**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3030	2.3748	4.4564	9.9400e-003	0.2844	0.0439	0.3283	0.0812	0.0404	0.1216	0.0000	843.7771	843.7771	6.1500e-003	0.0000	843.9061
Worker	0.3922	0.5730	5.9895	0.0201	1.6365	0.0128	1.6493	0.4346	0.0118	0.4464	0.0000	1,289.4781	1,289.4781	0.0600	0.0000	1,290.7384
Total	**0.6952**	**2.9478**	**10.4459**	**0.0300**	**1.9209**	**0.0566**	**1.9775**	**0.5158**	**0.0522**	**0.5680**	**0.0000**	**2,133.2552**	**2,133.2552**	**0.0662**	**0.0000**	**2,134.6445**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0426	0.2909	2.2721	3.5000e-003		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	**0.0426**	**0.2909**	**2.2721**	**3.5000e-003**		**7.9000e-004**	**7.9000e-004**		**7.9000e-004**	**7.9000e-004**	**0.0000**	**301.0335**	**301.0335**	**0.0725**	**0.0000**	**302.5565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3030	2.3748	4.4564	9.9400e-003	0.2844	0.0439	0.3283	0.0812	0.0404	0.1216	0.0000	843.7771	843.7771	6.1500e-003	0.0000	843.9061
Worker	0.3922	0.5730	5.9895	0.0201	1.6365	0.0128	1.6493	0.4346	0.0118	0.4464	0.0000	1,289.4781	1,289.4781	0.0600	0.0000	1,290.7384
Total	**0.6952**	**2.9478**	**10.4459**	**0.0300**	**1.9209**	**0.0566**	**1.9775**	**0.5158**	**0.0522**	**0.5680**	**0.0000**	**2,133.2552**	**2,133.2552**	**0.0662**	**0.0000**	**2,134.6445**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0348	0.3185	0.3347	5.5000e-004		0.0165	0.0165		0.0155	0.0155	0.0000	47.3068	47.3068	0.0113	0.0000	47.5445
Total	**0.0348**	**0.3185**	**0.3347**	**5.5000e-004**		**0.0165**	**0.0165**		**0.0155**	**0.0155**	**0.0000**	**47.3068**	**47.3068**	**0.0113**	**0.0000**	**47.5445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	0.3386	0.6830	1.5600e-003	0.0447	6.8200e-003	0.0515	0.0128	6.2700e-003	0.0190	0.0000	132.4287	132.4287	9.9000e-004	0.0000	132.4494
Worker	0.0583	0.0844	0.8846	3.1500e-003	0.2571	2.0000e-003	0.2591	0.0683	1.8600e-003	0.0701	0.0000	199.1965	199.1965	9.0300e-003	0.0000	199.3861
Total	**0.1048**	**0.4230**	**1.5676**	**4.7100e-003**	**0.3018**	**8.8200e-003**	**0.3106**	**0.0810**	**8.1300e-003**	**0.0892**	**0.0000**	**331.6252**	**331.6252**	**0.0100**	**0.0000**	**331.8355**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.6900e-003	0.0457	0.3569	5.5000e-004		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	47.3068	47.3068	0.0113	0.0000	47.5444
Total	**6.6900e-003**	**0.0457**	**0.3569**	**5.5000e-004**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**47.3068**	**47.3068**	**0.0113**	**0.0000**	**47.5444**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	0.3386	0.6830	1.5600e-003	0.0447	6.8200e-003	0.0515	0.0128	6.2700e-003	0.0190	0.0000	132.4287	132.4287	9.9000e-004	0.0000	132.4494
Worker	0.0583	0.0844	0.8846	3.1500e-003	0.2571	2.0000e-003	0.2591	0.0683	1.8600e-003	0.0701	0.0000	199.1965	199.1965	9.0300e-003	0.0000	199.3861
Total	**0.1048**	**0.4230**	**1.5676**	**4.7100e-003**	**0.3018**	**8.8200e-003**	**0.3106**	**0.0810**	**8.1300e-003**	**0.0892**	**0.0000**	**331.6252**	**331.6252**	**0.0100**	**0.0000**	**331.8355**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.5348					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6300e-003	0.0672	0.0800	1.3000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	11.2343	11.2343	7.7000e-004	0.0000	11.2505
Total	**2.5444**	**0.0672**	**0.0800**	**1.3000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**11.2343**	**11.2343**	**7.7000e-004**	**0.0000**	**11.2505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0387	0.4046	1.3600e-003	0.1106	8.6000e-004	0.1114	0.0294	8.0000e-004	0.0302	0.0000	87.1055	87.1055	4.0500e-003	0.0000	87.1906
Total	**0.0265**	**0.0387**	**0.4046**	**1.3600e-003**	**0.1106**	**8.6000e-004**	**0.1114**	**0.0294**	**8.0000e-004**	**0.0302**	**0.0000**	**87.1055**	**87.1055**	**4.0500e-003**	**0.0000**	**87.1906**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.5348					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3100e-003	5.6700e-003	0.0806	1.3000e-004		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	11.2343	11.2343	7.7000e-004	0.0000	11.2505
Total	**2.5361**	**5.6700e-003**	**0.0806**	**1.3000e-004**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**11.2343**	**11.2343**	**7.7000e-004**	**0.0000**	**11.2505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0387	0.4046	1.3600e-003	0.1106	8.6000e-004	0.1114	0.0294	8.0000e-004	0.0302	0.0000	87.1055	87.1055	4.0500e-003	0.0000	87.1906
Total	**0.0265**	**0.0387**	**0.4046**	**1.3600e-003**	**0.1106**	**8.6000e-004**	**0.1114**	**0.0294**	**8.0000e-004**	**0.0302**	**0.0000**	**87.1055**	**87.1055**	**4.0500e-003**	**0.0000**	**87.1906**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3206					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.1056	0.1360	2.2000e-004		6.1300e-003	6.1300e-003		6.1300e-003	6.1300e-003	0.0000	19.1494	19.1494	1.2500e-003	0.0000	19.1756
Total	**4.3359**	**0.1056**	**0.1360**	**2.2000e-004**		**6.1300e-003**	**6.1300e-003**		**6.1300e-003**	**6.1300e-003**	**0.0000**	**19.1494**	**19.1494**	**1.2500e-003**	**0.0000**	**19.1756**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0427	0.0619	0.6484	2.3100e-003	0.1884	1.4700e-003	0.1899	0.0500	1.3600e-003	0.0514	0.0000	146.0086	146.0086	6.6200e-003	0.0000	146.1475
Total	**0.0427**	**0.0619**	**0.6484**	**2.3100e-003**	**0.1884**	**1.4700e-003**	**0.1899**	**0.0500**	**1.3600e-003**	**0.0514**	**0.0000**	**146.0086**	**146.0086**	**6.6200e-003**	**0.0000**	**146.1475**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3206					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2300e-003	9.6600e-003	0.1374	2.2000e-004		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	19.1494	19.1494	1.2500e-003	0.0000	19.1756
Total	**4.3228**	**9.6600e-003**	**0.1374**	**2.2000e-004**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**19.1494**	**19.1494**	**1.2500e-003**	**0.0000**	**19.1756**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0427	0.0619	0.6484	2.3100e-003	0.1884	1.4700e-003	0.1899	0.0500	1.3600e-003	0.0514	0.0000	146.0086	146.0086	6.6200e-003	0.0000	146.1475
Total	**0.0427**	**0.0619**	**0.6484**	**2.3100e-003**	**0.1884**	**1.4700e-003**	**0.1899**	**0.0500**	**1.3600e-003**	**0.0514**	**0.0000**	**146.0086**	**146.0086**	**6.6200e-003**	**0.0000**	**146.1475**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4692	0.6141	9.6000e-004		0.0240	0.0240		0.0221	0.0221	0.0000	84.2861	84.2861	0.0273	0.0000	84.8586
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0465**	**0.4692**	**0.6141**	**9.6000e-004**		**0.0240**	**0.0240**		**0.0221**	**0.0221**	**0.0000**	**84.2861**	**84.2861**	**0.0273**	**0.0000**	**84.8586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	2.3200e-003	0.0244	9.0000e-005	7.0800e-003	6.0000e-005	7.1300e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	5.4833	5.4833	2.5000e-004	0.0000	5.4885
Total	**1.6100e-003**	**2.3200e-003**	**0.0244**	**9.0000e-005**	**7.0800e-003**	**6.0000e-005**	**7.1300e-003**	**1.8800e-003**	**5.0000e-005**	**1.9300e-003**	**0.0000**	**5.4833**	**5.4833**	**2.5000e-004**	**0.0000**	**5.4885**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0118	0.0512	0.7279	9.6000e-004		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	84.2860	84.2860	0.0273	0.0000	84.8585
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0118**	**0.0512**	**0.7279**	**9.6000e-004**		**2.4000e-004**	**2.4000e-004**		**2.4000e-004**	**2.4000e-004**	**0.0000**	**84.2860**	**84.2860**	**0.0273**	**0.0000**	**84.8585**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	2.3200e-003	0.0244	9.0000e-005	7.0800e-003	6.0000e-005	7.1300e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	5.4833	5.4833	2.5000e-004	0.0000	5.4885
Total	**1.6100e-003**	**2.3200e-003**	**0.0244**	**9.0000e-005**	**7.0800e-003**	**6.0000e-005**	**7.1300e-003**	**1.8800e-003**	**5.0000e-005**	**1.9300e-003**	**0.0000**	**5.4833**	**5.4833**	**2.5000e-004**	**0.0000**	**5.4885**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.3592	14.8803	67.5822	0.1886	12.5192	0.2596	12.7789	3.3506	0.2396	3.5902	0.0000	12,957.7687	12,957.7687	0.4483	0.0000	12,967.1832
Unmitigated	8.1561	20.5618	87.1250	0.2799	18.8700	0.3768	19.2468	5.0503	0.3476	5.3980	0.0000	19,227.3768	19,227.3768	0.6474	0.0000	19,240.9722

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,176.00	1,432.00	1214.00	4,162,091	2,881,466
Condo/Townhouse High Rise	3,410.40	4,152.80	3520.60	12,070,064	8,356,252
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	6,126.41	0.00	0.00	13,513,671	8,716,444
High Turnover (Sit Down Restaurant)	1,017.20	1,266.96	1054.72	1,442,202	950,727
Hotel	1,634.00	1,638.00	1190.00	3,749,016	2,465,413
Library	3,533.72	4,282.60	2345.08	8,762,925	5,655,704
Regional Shopping Center	3,238.08	1,599.04	807.68	5,746,096	3,781,132
Total	20,246.76	14,482.35	10,243.03	49,765,327	33,016,588

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,044.0518	3,044.0518	0.1399	0.0290	3,055.9648
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,790.6450	5,790.6450	0.2662	0.0551	5,813.3068
NaturalGas Mitigated	0.1288	1.1429	0.7796	7.0200e-003		0.0890	0.0890		0.0890	0.0890	0.0000	1,274.4601	1,274.4601	0.0244	0.0234	1,282.2162
NaturalGas Unmitigated	0.1534	1.3613	0.9289	8.3700e-003		0.1060	0.1060		0.1060	0.1060	0.0000	1,517.9297	1,517.9297	0.0291	0.0278	1,527.1676

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.88121e+006	0.0155	0.1328	0.0565	8.5000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.7521	153.7521	2.9500e-003	2.8200e-003	154.6878
Condo/Townhouse High Rise	8.3555e+006	0.0451	0.3850	0.1638	2.4600e-003		0.0311	0.0311		0.0311	0.0311	0.0000	445.8812	445.8812	8.5500e-003	8.1700e-003	448.5947
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	6.29342e+006	0.0339	0.3085	0.2591	1.8500e-003		0.0235	0.0235		0.0235	0.0235	0.0000	335.8407	335.8407	6.4400e-003	6.1600e-003	337.8846
High Turnover (Sit Down Restaurant)	1.86408e+006	0.0101	0.0914	0.0768	5.5000e-004		6.9400e-003	6.9400e-003		6.9400e-003	6.9400e-003	0.0000	99.4744	99.4744	1.9100e-003	1.8200e-003	100.0798
Hotel	7.26581e+006	0.0392	0.3562	0.2992	2.1400e-003		0.0271	0.0271		0.0271	0.0271	0.0000	387.7312	387.7312	7.4300e-003	7.1100e-003	390.0909
Library	1.73052e+006	9.3300e-003	0.0848	0.0713	5.1000e-004		6.4500e-003	6.4500e-003		6.4500e-003	6.4500e-003	0.0000	92.3471	92.3471	1.7700e-003	1.6900e-003	92.9092
Regional Shopping Center	54400	2.9000e-004	2.6700e-003	2.2400e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.9030	2.9030	6.0000e-005	5.0000e-005	2.9207
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1534**	**1.3613**	**0.9289**	**8.3800e-003**		**0.1060**	**0.1060**		**0.1060**	**0.1060**	**0.0000**	**1,517.9297**	**1,517.9297**	**0.0291**	**0.0278**	**1,527.1676**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.423e+006	0.0131	0.1117	0.0475	7.1000e-004		9.0300e-003	9.0300e-003		9.0300e-003	9.0300e-003	0.0000	129.3008	129.3008	2.4800e-003	2.3700e-003	130.0877
Condo/Townhouse High Rise	7.02671e+006	0.0379	0.3238	0.1378	2.0700e-003		0.0262	0.0262		0.0262	0.0262	0.0000	374.9722	374.9722	7.1900e-003	6.8700e-003	377.2542
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	5.07965e+006	0.0274	0.2490	0.2092	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0693	271.0693	5.2000e-003	4.9700e-003	272.7189
High Turnover (Sit Down Restaurant)	1.79171e+006	9.6600e-003	0.0878	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003	0.0000	95.6126	95.6126	1.8300e-003	1.7500e-003	96.1945
Hotel	6.04845e+006	0.0326	0.2965	0.2491	1.7800e-003		0.0225	0.0225		0.0225	0.0225	0.0000	322.7684	322.7684	6.1900e-003	5.9200e-003	324.7327
Library	1.4663e+006	7.9100e-003	0.0719	0.0604	4.3000e-004		5.4600e-003	5.4600e-003		5.4600e-003	5.4600e-003	0.0000	78.2471	78.2471	1.5000e-003	1.4300e-003	78.7233
Regional Shopping Center	46656	2.5000e-004	2.2900e-003	1.9200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4897	2.4897	5.0000e-005	5.0000e-005	2.5049
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1288**	**1.1429**	**0.7796**	**7.0200e-003**		**0.0890**	**0.0890**		**0.0890**	**0.0890**	**0.0000**	**1,274.4601**	**1,274.4601**	**0.0244**	**0.0234**	**1,282.2162**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.55077e+006	729.9460	0.0336	6.9400e-003	732.8027
Condo/Townhouse High Rise	879576	251.7055	0.0116	2.3900e-003	252.6906
Enclosed Parking with Elevator	1.37226e+006	392.6965	0.0181	3.7300e-003	394.2334
Enclosed Parking with Elevator	1.9546e+006	559.3418	0.0257	5.3200e-003	561.5308
Enclosed Parking with Elevator	674000	192.8765	8.8700e-003	1.8300e-003	193.6313
Government (Civic Center)	8.36627e+006	2,394.1501	0.1101	0.0228	2,403.5197
High Turnover (Sit Down Restaurant)	375280	107.3927	4.9400e-003	1.0200e-003	107.8130
Hotel	2.4684e+006	706.3744	0.0325	6.7200e-003	709.1388
Library	1.1086e+006	317.2446	0.0146	3.0200e-003	318.4862
Regional Shopping Center	485440	138.9169	6.3900e-003	1.3200e-003	139.4605
Total		**5,790.6450**	**0.2662**	**0.0551**	**5,813.3068**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.563e+006	447.2776	0.0206	4.2500e-003	449.0280
Condo/Townhouse High Rise	538964	154.2336	7.0900e-003	1.4700e-003	154.8372
Enclosed Parking with Elevator	298763	85.4959	3.9300e-003	8.1000e-004	85.8305
Enclosed Parking with Elevator	608280	174.0697	8.0000e-003	1.6600e-003	174.7510
Enclosed Parking with Elevator	866411	247.9382	0.0114	2.3600e-003	248.9085
Government (Civic Center)	4.39985e+006	1,259.0915	0.0579	0.0120	1,264.0189
High Turnover (Sit Down Restaurant)	229788	65.7577	3.0200e-003	6.3000e-004	66.0151
Hotel	1.30865e+006	374.4927	0.0172	3.5600e-003	375.9583
Library	609788	174.5010	8.0200e-003	1.6600e-003	175.1839
Regional Shopping Center	213840	61.1939	2.8100e-003	5.8000e-004	61.4334
Total		**3,044.0518**	**0.1399**	**0.0290**	**3,055.9648**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	10.2925	0.0837	7.1245	3.5000e-004		0.0388	0.0388		0.0388	0.0388	0.0000	11.2127	11.2127	9.8600e-003	0.0000	11.4198
Unmitigated	11.7277	0.0936	8.1014	4.3000e-004		0.0445	0.0445		0.0445	0.0445	0.0000	13.1990	13.1990	0.0130	0.0000	13.4714

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.0302					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.4489					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2487	0.0936	8.1014	4.3000e-004		0.0445	0.0445		0.0445	0.0445	0.0000	13.1990	13.1990	0.0130	0.0000	13.4714
Total	**11.7277**	**0.0936**	**8.1014**	**4.3000e-004**		**0.0445**	**0.0445**		**0.0445**	**0.0445**	**0.0000**	**13.1990**	**13.1990**	**0.0130**	**0.0000**	**13.4714**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6538					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.4489					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1899	0.0837	7.1245	3.5000e-004		0.0388	0.0388		0.0388	0.0388	0.0000	11.2127	11.2127	9.8600e-003	0.0000	11.4198
Total	**10.2925**	**0.0837**	**7.1245**	**3.5000e-004**		**0.0388**	**0.0388**		**0.0388**	**0.0388**	**0.0000**	**11.2127**	**11.2127**	**9.8600e-003**	**0.0000**	**11.4198**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	911.7910	4.6780	0.1176	1,046.4854
Unmitigated	1,077.5393	5.8457	0.1466	1,245.7540

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.777	12.0083	5.5000e-004	1.1000e-004	12.0553
Condo/Townhouse High Rise	50.8201 / 32.0388	307.3492	1.6694	0.0419	355.3857
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	114.386 / 70.1077	685.4076	3.7571	0.0942	793.5036
High Turnover (Sit Down Restaurant)	2.42827 / 0.154996	10.3113	0.0796	1.9600e-003	12.5895
Hotel	5.07335 / 0.563706	22.3060	0.1663	4.1000e-003	27.0687
Library	2.87858 / 4.50239	25.9539	0.0950	2.4500e-003	28.7082
Regional Shopping Center	2.37032 / 1.45278	14.2031	0.0779	1.9500e-003	16.4430
Total		**1,077.5393**	**5.8457**	**0.1466**	**1,245.7540**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.5466	11.2758	5.2000e-004	1.1000e-004	11.3199
Condo/Townhouse High Rise	40.6561 / 30.0844	260.0381	1.3359	0.0336	298.5022
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	91.509 / 65.8311	579.3084	3.0066	0.0755	665.8601
High Turnover (Sit Down Restaurant)	1.94262 / 0.145541	8.3176	0.0636	1.5700e-003	10.1394
Hotel	4.05868 / 0.52932	18.0939	0.1330	3.2800e-003	21.9030
Library	2.30286 / 4.22775	22.7528	0.0760	1.9800e-003	24.9629
Regional Shopping Center	1.89626 / 1.36416	12.0045	0.0623	1.5700e-003	13.7980
Total		**911.7910**	**4.6780**	**0.1176**	**1,046.4854**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	804.6745	47.5549	0.0000	1,803.3273
Unmitigated	804.6745	47.5549	0.0000	1,803.3273

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.27	0.0548	3.2400e-003	0.0000	0.1228
Condo/Townhouse High Rise	358.8	72.8332	4.3043	0.0000	163.2238
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3282	666.2163	39.3723	0.0000	1,493.0338
High Turnover (Sit Down Restaurant)	95.2	19.3247	1.1421	0.0000	43.3080
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Library	84.72	17.1974	1.0163	0.0000	38.5405
Regional Shopping Center	33.6	6.8205	0.4031	0.0000	15.2852
Total		**804.6745**	**47.5549**	**0.0000**	**1,803.3273**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.27	0.0548	3.2400e-003	0.0000	0.1228
Condo/Townhouse High Rise	358.8	72.8332	4.3043	0.0000	163.2238
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3282	666.2163	39.3723	0.0000	1,493.0338
High Turnover (Sit Down Restaurant)	95.2	19.3247	1.1421	0.0000	43.3080
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Library	84.72	17.1974	1.0163	0.0000	38.5405
Regional Shopping Center	33.6	6.8205	0.4031	0.0000	15.2852
Total		**804.6745**	**47.5549**	**0.0000**	**1,803.3273**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Project with Mitigation Measure AQ-3

Long Beach Civic Center

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	575.79	1000sqft	3.78	575,793.00	0
Library	92.00	1000sqft	1.73	92,000.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.00	8,000.00	0
Hotel	200.00	Room	0.00	290,400.00	0
Condo/Townhouse High Rise	200.00	Dwelling Unit	0.90	235,000.00	572
Condo/Townhouse High Rise	580.00	Dwelling Unit	6.29	650,000.00	1659
Regional Shopping Center	32.00	1000sqft	0.00	32,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113. Assumed compliance with MM AQ-3.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

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tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5390e-003	3.5450e-003
tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76
tblVehicleEF	LDT1	3.77	3.19
tblVehicleEF	LDT1	303.51	294.33
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02

tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52
tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01

tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95

tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35

tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11

tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65

tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
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tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004

tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15

tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004

tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.53	1.30

tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06

tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003

tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003
tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004

tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003

tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003

tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003

tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06

tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08

tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09

tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003

tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003

tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40
tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85
tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35

tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92

tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29

tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04

tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52
tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003

tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88

tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15

tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	39.00	0.00

tblWoodstoves	NumberNoncatalytic	39.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.0469	161.6853	193.8570	0.3886	23.0128	6.5084	29.5212	7.8547	6.0259	13.8806	0.0000	36,523.5374	36,523.5374	3.4037	0.0000	36,595.0150
2017	37.7084	149.2067	181.1991	0.3884	26.2319	5.9670	32.1989	8.6450	5.5240	14.1690	0.0000	35,641.3255	35,641.3255	3.3332	0.0000	35,711.3231
2018	46.5232	73.8943	139.5446	0.3251	17.7166	3.1280	20.8446	4.7419	2.9204	7.6624	0.0000	27,878.4395	27,878.4395	2.1422	0.0000	27,923.4258
2019	47.5670	135.3750	167.8930	0.4240	23.6533	5.6473	28.4575	8.0279	5.2243	12.4745	0.0000	37,440.6680	37,440.6680	3.9602	0.0000	37,523.8331
2020	14.7810	124.7773	166.2826	0.4481	24.2259	4.4808	28.7067	8.1871	4.1457	12.3327	0.0000	38,685.5928	38,685.5928	3.2268	0.0000	38,753.3562
2021	65.7112	40.9887	105.9604	0.3003	17.5493	1.5015	19.0508	4.6976	1.4091	6.1067	0.0000	23,711.9153	23,711.9153	1.2915	0.0000	23,739.0370
2022	65.2572	37.1682	101.6335	0.3002	17.5493	1.3361	18.8855	4.6976	1.2535	5.9512	0.0000	23,479.9852	23,479.9852	1.2617	0.0000	23,506.4808
Total	**296.5950**	**723.0954**	**1,056.3701**	**2.5746**	**149.9391**	**28.5691**	**177.6652**	**46.8519**	**26.5029**	**72.5770**	**0.0000**	**223,361.4637**	**223,361.4637**	**18.6194**	**0.0000**	**223,752.4709**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	10.2442	63.8720	178.4027	0.3886	19.6526	0.9780	20.6306	6.0272	0.9012	6.9284	0.0000	36,523.5374	36,523.5374	3.4037	0.0000	36,595.0149
2017	32.9970	58.7157	168.4547	0.3884	22.8717	0.8898	23.7616	6.8175	0.8204	7.6379	0.0000	35,641.3255	35,641.3255	3.3332	0.0000	35,711.3231
2018	42.5752	35.0121	141.8344	0.3251	17.7166	0.5567	18.2733	4.7419	0.5137	5.2557	0.0000	27,878.4395	27,878.4395	2.1422	0.0000	27,923.4258
2019	42.0677	61.7436	162.6735	0.4240	20.2495	1.0355	21.2850	6.1946	0.9550	7.1496	0.0000	37,440.6680	37,440.6680	3.9602	0.0000	37,523.8330
2020	9.2025	61.8161	163.2382	0.4481	20.8254	1.1272	21.9526	6.3534	1.0394	7.3928	0.0000	38,685.5928	38,685.5928	3.2268	0.0000	38,753.3562
2021	63.9554	24.4793	106.8486	0.3003	17.5493	0.4592	18.0085	4.6976	0.4238	5.1214	0.0000	23,711.9153	23,711.9153	1.2915	0.0000	23,739.0370
2022	63.7097	22.5810	102.7357	0.3002	17.5493	0.4554	18.0047	4.6976	0.4204	5.1180	0.0000	23,479.9852	23,479.9852	1.2617	0.0000	23,506.4808
Total	**264.7517**	**328.2197**	**1,024.1877**	**2.5746**	**136.4144**	**5.5018**	**141.9162**	**39.5298**	**5.0740**	**44.6038**	**0.0000**	**223,361.4637**	**223,361.4637**	**18.6194**	**0.0000**	**223,752.4708**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.74**	**54.61**	**3.05**	**0.00**	**9.02**	**80.74**	**20.12**	**15.63**	**80.86**	**38.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972
Energy	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869
Mobile	56.7725	130.9294	588.9178	1.9863	131.0810	2.5686	133.6496	35.0295	2.3696	37.3992		150,048.0055	150,048.0055	4.8680		150,150.2342
Total	**122.5008**	**139.1376**	**658.8187**	**2.0355**	**131.0810**	**3.5051**	**134.5862**	**35.0295**	**3.3062**	**38.3357**	**0.0000**	**159,332.7901**	**159,332.7901**	**5.1582**	**0.1681**	**159,493.2183**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	56.8760	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Energy	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
Mobile	51.1777	95.0051	443.2513	1.3360	86.8310	1.7660	88.5969	23.2043	1.6294	24.8338		100,938.6637	100,938.6637	3.3649		101,009.3270
Total	**108.7593**	**101.9374**	**504.5187**	**1.3773**	**86.8310**	**2.5636**	**89.3946**	**23.2043**	**2.4271**	**25.6314**	**0.0000**	**108,735.3607**	**108,735.3607**	**3.5994**	**0.1411**	**108,854.6975**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**11.22**	**26.74**	**23.42**	**32.34**	**33.76**	**26.86**	**33.58**	**33.76**	**26.59**	**33.14**	**0.00**	**31.76**	**31.76**	**30.22**	**16.04**	**31.75**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 475,875; Residential Outdoor: 158,625; Non-Residential Indoor: 150,000; Non-Residential Outdoor: 50,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38
Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40

Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29
Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7615	0.0000	4.7615	0.7209	0.0000	0.7209			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**4.7615**	**2.2921**	**7.0537**	**0.7209**	**2.1365**	**2.8575**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3763	6.0306	4.2655	0.0162	0.3833	0.0957	0.4791	0.1050	0.0881	0.1930		1,634.9338	1,634.9338	0.0116		1,635.1778
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.4390**	**6.1089**	**5.2405**	**0.0183**	**0.5510**	**0.0971**	**0.6481**	**0.1494**	**0.0894**	**0.2388**		**1,813.3526**	**1,813.3526**	**0.0208**		**1,813.7888**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1427	0.0000	2.1427	0.3244	0.0000	0.3244			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**2.1427**	**9.4800e-003**	**2.1522**	**0.3244**	**9.4800e-003**	**0.3339**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3763	6.0306	4.2655	0.0162	0.3833	0.0957	0.4791	0.1050	0.0881	0.1930		1,634.9338	1,634.9338	0.0116		1,635.1778
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.4390**	**6.1089**	**5.2405**	**0.0183**	**0.5510**	**0.0971**	**0.6481**	**0.1494**	**0.0894**	**0.2388**		**1,813.3526**	**1,813.3526**	**0.0208**		**1,813.7888**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**6.1095**	**3.5842**	**9.6937**	**3.3228**	**3.2975**	**6.6203**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3551	21.7171	15.3606	0.0584	1.6913	0.3448	2.0361	0.4543	0.3171	0.7714		5,887.6458	5,887.6458	0.0418		5,888.5244
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**1.4387**	**21.8215**	**16.6606**	**0.0612**	**1.9149**	**0.3466**	**2.2615**	**0.5136**	**0.3188**	**0.8324**		**6,125.5375**	**6,125.5375**	**0.0541**		**6,126.6724**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3551	21.7171	15.3606	0.0584	1.6913	0.3448	2.0361	0.4543	0.3171	0.7714		5,887.6458	5,887.6458	0.0418		5,888.5244
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**1.4387**	**21.8215**	**16.6606**	**0.0612**	**1.9149**	**0.3466**	**2.2615**	**0.5136**	**0.3188**	**0.8324**		**6,125.5375**	**6,125.5375**	**0.0541**		**6,126.6724**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**6.1095**	**3.3172**	**9.4266**	**3.3228**	**3.0518**	**6.3746**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2803	19.9056	14.7308	0.0584	4.9098	0.3151	5.2248	1.2443	0.2899	1.5342		5,790.9948	5,790.9948	0.0410		5,791.8550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0943	1.1759	2.8300e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		228.7867	228.7867	0.0113		229.0232
Total	**1.3554**	**19.9999**	**15.9068**	**0.0612**	**5.1333**	**0.3169**	**5.4502**	**1.3036**	**0.2915**	**1.5951**		**6,019.7815**	**6,019.7815**	**0.0522**		**6,020.8782**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2803	19.9056	14.7308	0.0584	4.9098	0.3151	5.2248	1.2443	0.2899	1.5342		5,790.9948	5,790.9948	0.0410		5,791.8550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0943	1.1759	2.8300e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		228.7867	228.7867	0.0113		229.0232
Total	**1.3554**	**19.9999**	**15.9068**	**0.0612**	**5.1333**	**0.3169**	**5.4502**	**1.3036**	**0.2915**	**1.5951**		**6,019.7815**	**6,019.7815**	**0.0522**		**6,020.8782**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9475	30.5740	35.2552	0.0770	2.2124	0.5034	2.7159	0.6301	0.4629	1.0930		7,718.2237	7,718.2237	0.0551		7,719.3805
Worker	4.7752	5.9697	74.2972	0.1619	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		13,595.5091	13,595.5091	0.6976		13,610.1576
Total	**7.7226**	**36.5437**	**109.5523**	**0.2389**	**14.9885**	**0.6102**	**15.5987**	**4.0183**	**0.5611**	**4.5794**		**21,313.7328**	**21,313.7328**	**0.7526**		**21,329.5381**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9475	30.5740	35.2552	0.0770	2.2124	0.5034	2.7159	0.6301	0.4629	1.0930		7,718.2237	7,718.2237	0.0551		7,719.3805
Worker	4.7752	5.9697	74.2972	0.1619	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		13,595.5091	13,595.5091	0.6976		13,610.1576
Total	**7.7226**	**36.5437**	**109.5523**	**0.2389**	**14.9885**	**0.6102**	**15.5987**	**4.0183**	**0.5611**	**4.5794**		**21,313.7328**	**21,313.7328**	**0.7526**		**21,329.5381**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7008	27.8195	33.1546	0.0769	2.2131	0.4490	2.6621	0.6304	0.4129	1.0433		7,593.2098	7,593.2098	0.0532		7,594.3279
Worker	4.2907	5.3896	67.2036	0.1618	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		13,075.1599	13,075.1599	0.6437		13,088.6766
Total	**6.9915**	**33.2091**	**100.3582**	**0.2387**	**14.9892**	**0.5517**	**15.5409**	**4.0186**	**0.5077**	**4.5263**		**20,668.3697**	**20,668.3697**	**0.6969**		**20,683.0044**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7008	27.8195	33.1546	0.0769	2.2131	0.4490	2.6621	0.6304	0.4129	1.0433		7,593.2098	7,593.2098	0.0532		7,594.3279
Worker	4.2907	5.3896	67.2036	0.1618	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		13,075.1599	13,075.1599	0.6437		13,088.6766
Total	**6.9915**	**33.2091**	**100.3582**	**0.2387**	**14.9892**	**0.5517**	**15.5409**	**4.0186**	**0.5077**	**4.5263**		**20,668.3697**	**20,668.3697**	**0.6969**		**20,683.0044**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5327	25.5324	31.5858	0.0768	2.2132	0.4232	2.6364	0.6304	0.3893	1.0196		7,465.7922	7,465.7922	0.0529		7,466.9030
Worker	3.8677	4.8889	61.0458	0.1617	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		12,588.6496	12,588.6496	0.5974		12,601.1941
Total	**6.4004**	**30.4212**	**92.6317**	**0.2385**	**14.9892**	**0.5232**	**15.5124**	**4.0186**	**0.4818**	**4.5004**		**20,054.4418**	**20,054.4418**	**0.6503**		**20,068.0971**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5327	25.5324	31.5858	0.0768	2.2132	0.4232	2.6364	0.6304	0.3893	1.0196		7,465.7922	7,465.7922	0.0529		7,466.9030
Worker	3.8677	4.8889	61.0458	0.1617	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		12,588.6496	12,588.6496	0.5974		12,601.1941
Total	**6.4004**	**30.4212**	**92.6317**	**0.2385**	**14.9892**	**0.5232**	**15.5124**	**4.0186**	**0.4818**	**4.5004**		**20,054.4418**	**20,054.4418**	**0.6503**		**20,068.0971**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**24.7912**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8596	1.0798	13.4643	0.0324	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,619.6077	2,619.6077	0.1290		2,622.3158
Total	**0.8596**	**1.0798**	**13.4643**	**0.0324**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,619.6077**	**2,619.6077**	**0.1290**		**2,622.3158**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**24.4886**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8596	1.0798	13.4643	0.0324	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,619.6077	2,619.6077	0.1290		2,622.3158
Total	**0.8596**	**1.0798**	**13.4643**	**0.0324**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,619.6077**	**2,619.6077**	**0.1290**		**2,622.3158**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**35.0170**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7749	0.9795	12.2305	0.0324	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,522.1354	2,522.1354	0.1197		2,524.6487
Total	**0.7749**	**0.9795**	**12.2305**	**0.0324**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,522.1354**	**2,522.1354**	**0.1197**		**2,524.6487**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7749	0.9795	12.2305	0.0324	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,522.1354	2,522.1354	0.1197		2,524.6487
Total	**0.7749**	**0.9795**	**12.2305**	**0.0324**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,522.1354**	**2,522.1354**	**0.1197**		**2,524.6487**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**34.9849**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7133	0.8984	11.2408	0.0323	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,426.5195	2,426.5195	0.1120		2,428.8722
Total	**0.7133**	**0.8984**	**11.2408**	**0.0323**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,426.5195**	**2,426.5195**	**0.1120**		**2,428.8722**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7133	0.8984	11.2408	0.0323	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,426.5195	2,426.5195	0.1120		2,428.8722
Total	**0.7133**	**0.8984**	**11.2408**	**0.0323**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,426.5195**	**2,426.5195**	**0.1120**		**2,428.8722**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0642	0.8011	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2054	165.2054	7.8400e-003		165.3700
Total	**0.0508**	**0.0642**	**0.8011**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2054**	**165.2054**	**7.8400e-003**		**165.3700**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0642	0.8011	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2054	165.2054	7.8400e-003		165.3700
Total	**0.0508**	**0.0642**	**0.8011**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2054**	**165.2054**	**7.8400e-003**		**165.3700**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.0467**	**0.0589**	**0.7363**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**158.9423**	**158.9423**	**7.3400e-003**		**159.0964**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.0467**	**0.0589**	**0.7363**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**158.9423**	**158.9423**	**7.3400e-003**		**159.0964**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2349	0.0000	1.2349	0.1870	0.0000	0.1870			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316		3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**1.2349**	**1.6448**	**2.8797**	**0.1870**	**1.5316**	**1.7185**		**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0878	1.2432	1.0165	4.1900e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0481		402.4140	402.4140	2.9700e-003		402.4764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.1345**	**1.3021**	**1.7528**	**6.3100e-003**	**0.2672**	**0.0240**	**0.2911**	**0.0717**	**0.0220**	**0.0938**		**561.3563**	**561.3563**	**0.0103**		**561.5728**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5557	0.0000	0.5557	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**0.5557**	**9.4800e-003**	**0.5652**	**0.0841**	**9.4800e-003**	**0.0936**	**0.0000**	**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0878	1.2432	1.0165	4.1900e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0481		402.4140	402.4140	2.9700e-003		402.4764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.1345**	**1.3021**	**1.7528**	**6.3100e-003**	**0.2672**	**0.0240**	**0.2911**	**0.0717**	**0.0220**	**0.0938**		**561.3563**	**561.3563**	**0.0103**		**561.5728**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1888	0.0000	6.1888	3.3333	0.0000	3.3333			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**6.1888**	**2.5049**	**8.6937**	**3.3333**	**2.3045**	**5.6378**		**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9860	28.1274	22.9975	0.0947	2.2516	0.5128	2.7643	0.6166	0.4717	1.0884		9,104.5102	9,104.5102	0.0672		9,105.9211
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0785	0.9817	2.8200e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		211.9231	211.9231	9.7800e-003		212.1286
Total	**2.0483**	**28.2059**	**23.9792**	**0.0975**	**2.4751**	**0.5145**	**2.9896**	**0.6759**	**0.4733**	**1.1492**		**9,316.4333**	**9,316.4333**	**0.0770**		**9,318.0497**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7849	0.0000	2.7849	1.5000	0.0000	1.5000			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7849**	**0.0151**	**2.8001**	**1.5000**	**0.0151**	**1.5151**	**0.0000**	**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9860	28.1274	22.9975	0.0947	2.2516	0.5128	2.7643	0.6166	0.4717	1.0884		9,104.5102	9,104.5102	0.0672		9,105.9211
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0785	0.9817	2.8200e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		211.9231	211.9231	9.7800e-003		212.1286
Total	**2.0483**	**28.2059**	**23.9792**	**0.0975**	**2.4751**	**0.5145**	**2.9896**	**0.6759**	**0.4733**	**1.1492**		**9,316.4333**	**9,316.4333**	**0.0770**		**9,318.0497**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1429	0.0000	2.1429	0.3245	0.0000	0.3245			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865		3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**2.1429**	**1.4899**	**3.6327**	**0.3245**	**1.3865**	**1.7110**		**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1493	1.9225	1.7365	7.2500e-003	0.1726	0.0390	0.2116	0.0473	0.0359	0.0831		682.0991	682.0991	5.1500e-003		682.2073
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0546	0.6862	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5097	152.5097	6.9500e-003		152.6556
Total	**0.1931**	**1.9770**	**2.4227**	**9.3700e-003**	**0.3403**	**0.0403**	**0.3805**	**0.0917**	**0.0370**	**0.1288**		**834.6088**	**834.6088**	**0.0121**		**834.8629**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9643	0.0000	0.9643	0.1460	0.0000	0.1460			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0400		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**0.4739**	**2.0535**	**23.8257**	**0.0400**	**0.9643**	**9.4800e-003**	**0.9738**	**0.1460**	**9.4800e-003**	**0.1555**	**0.0000**	**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1493	1.9225	1.7365	7.2500e-003	0.1726	0.0390	0.2116	0.0473	0.0359	0.0831		682.0991	682.0991	5.1500e-003		682.2073
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0546	0.6862	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5097	152.5097	6.9500e-003		152.6556
Total	**0.1931**	**1.9770**	**2.4227**	**9.3700e-003**	**0.3403**	**0.0403**	**0.3805**	**0.0917**	**0.0370**	**0.1288**		**834.6088**	**834.6088**	**0.0121**		**834.8629**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1827	0.0000	6.1827	3.3340	0.0000	3.3340			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**6.1827**	**2.2619**	**8.4447**	**3.3340**	**2.0810**	**5.4149**		**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4476	31.5239	28.4747	0.1189	2.8300	0.6390	3.4690	0.7751	0.5878	1.3629		11,184.8862	11,184.8862	0.0845		11,186.6603
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0727	0.9149	2.8200e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		203.3463	203.3463	9.2700e-003		203.5409
Total	**2.5059**	**31.5967**	**29.3897**	**0.1217**	**3.0536**	**0.6407**	**3.6942**	**0.8344**	**0.5894**	**1.4238**		**11,388.2325**	**11,388.2325**	**0.0938**		**11,390.2011**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7822	0.0000	2.7822	1.5003	0.0000	1.5003			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7822**	**0.0151**	**2.7974**	**1.5003**	**0.0151**	**1.5154**	**0.0000**	**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4476	31.5239	28.4747	0.1189	2.8300	0.6390	3.4690	0.7751	0.5878	1.3629		11,184.8862	11,184.8862	0.0845		11,186.6603
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0727	0.9149	2.8200e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		203.3463	203.3463	9.2700e-003		203.5409
Total	**2.5059**	**31.5967**	**29.3897**	**0.1217**	**3.0536**	**0.6407**	**3.6942**	**0.8344**	**0.5894**	**1.4238**		**11,388.2325**	**11,388.2325**	**0.0938**		**11,390.2011**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2014	17.4549	28.5687	0.0764	2.2136	0.3352	2.5488	0.6305	0.3084	0.9389		7,152.7514	7,152.7514	0.0511		7,153.8249
Worker	3.1574	3.8878	49.1827	0.1617	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		11,442.4415	11,442.4415	0.5069		11,453.0868
Total	**5.3588**	**21.3427**	**77.7514**	**0.2381**	**14.9896**	**0.4329**	**15.4225**	**4.0188**	**0.3990**	**4.4178**		**18,595.1929**	**18,595.1929**	**0.5580**		**18,606.9117**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2014	17.4549	28.5687	0.0764	2.2136	0.3352	2.5488	0.6305	0.3084	0.9389		7,152.7514	7,152.7514	0.0511		7,153.8249
Worker	3.1574	3.8878	49.1827	0.1617	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		11,442.4415	11,442.4415	0.5069		11,453.0868
Total	**5.3588**	**21.3427**	**77.7514**	**0.2381**	**14.9896**	**0.4329**	**15.4225**	**4.0188**	**0.3990**	**4.4178**		**18,595.1929**	**18,595.1929**	**0.5580**		**18,606.9117**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1568	15.8452	27.9077	0.0763	2.2136	0.3315	2.5451	0.6305	0.3050	0.9355		7,146.3541	7,146.3541	0.0522		7,147.4509
Worker	2.9898	3.6473	46.3070	0.1617	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		11,253.7458	11,253.7458	0.4854		11,263.9388
Total	**5.1466**	**19.4926**	**74.2147**	**0.2380**	**14.9897**	**0.4291**	**15.4188**	**4.0188**	**0.3956**	**4.4143**		**18,400.1000**	**18,400.1000**	**0.5376**		**18,411.3897**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1568	15.8452	27.9077	0.0763	2.2136	0.3315	2.5451	0.6305	0.3050	0.9355		7,146.3541	7,146.3541	0.0522		7,147.4509
Worker	2.9898	3.6473	46.3070	0.1617	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		11,253.7458	11,253.7458	0.4854		11,263.9388
Total	**5.1466**	**19.4926**	**74.2147**	**0.2380**	**14.9897**	**0.4291**	**15.4188**	**4.0188**	**0.3956**	**4.4143**		**18,400.1000**	**18,400.1000**	**0.5376**		**18,411.3897**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**57.8268**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6326	0.7789	9.8538	0.0324	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,292.4927	2,292.4927	0.1016		2,294.6254
Total	**0.6326**	**0.7789**	**9.8538**	**0.0324**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,292.4927**	**2,292.4927**	**0.1016**		**2,294.6254**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6326	0.7789	9.8538	0.0324	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,292.4927	2,292.4927	0.1016		2,294.6254
Total	**0.6326**	**0.7789**	**9.8538**	**0.0324**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,292.4927**	**2,292.4927**	**0.1016**		**2,294.6254**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**57.8124**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5990	0.7307	9.2776	0.0324	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,254.6875	2,254.6875	0.0973		2,256.7297
Total	**0.5990**	**0.7307**	**9.2776**	**0.0324**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,254.6875**	**2,254.6875**	**0.0973**		**2,256.7297**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0183		281.8329
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.8329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5990	0.7307	9.2776	0.0324	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,254.6875	2,254.6875	0.0973		2,256.7297
Total	**0.5990**	**0.7307**	**9.2776**	**0.0324**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,254.6875**	**2,254.6875**	**0.0973**		**2,256.7297**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131		2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**		**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0479	0.6077	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		147.6870	147.6870	6.3700e-003		147.8207
Total	**0.0392**	**0.0479**	**0.6077**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**147.6870**	**147.6870**	**6.3700e-003**		**147.8207**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0479	0.6077	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		147.6870	147.6870	6.3700e-003		147.8207
Total	**0.0392**	**0.0479**	**0.6077**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**147.6870**	**147.6870**	**6.3700e-003**		**147.8207**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	51.1777	95.0051	443.2513	1.3360	86.8310	1.7660	88.5969	23.2043	1.6294	24.8338		100,938.6637	100,938.6637	3.3649		101,009.3270
Unmitigated	56.7725	130.9294	588.9178	1.9863	131.0810	2.5686	133.6496	35.0295	2.3696	37.3992		150,048.0055	150,048.0055	4.8680		150,150.2342

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,176.00	1,432.00	1214.00	4,162,091	2,881,466
Condo/Townhouse High Rise	3,410.40	4,152.80	3520.60	12,070,064	8,356,252
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	6,126.41	0.00	0.00	13,513,671	8,716,444
High Turnover (Sit Down Restaurant)	1,017.20	1,266.96	1054.72	1,442,202	950,727
Hotel	1,634.00	1,638.00	1190.00	3,749,016	2,465,413
Library	3,533.72	4,282.60	2345.08	8,762,925	5,655,704
Regional Shopping Center	3,238.08	1,599.04	807.68	5,746,096	3,781,132
Total	20,246.76	14,482.35	10,243.03	49,765,327	33,016,588

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
NaturalGas Unmitigated	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	22891.8	0.2469	2.1096	0.8977	0.0135		0.1706	0.1706		0.1706	0.1706		2,693.1499	2,693.1499	0.0516	0.0494	2,709.5399
Condo/Townhouse High Rise	7893.72	0.0851	0.7275	0.3096	4.6400e-003		0.0588	0.0588		0.0588	0.0588		928.6724	928.6724	0.0178	0.0170	934.3241
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	17242.2	0.1860	1.6904	1.4200	0.0101		0.1285	0.1285		0.1285	0.1285		2,028.4988	2,028.4988	0.0389	0.0372	2,040.8439
High Turnover (Sit Down Restaurant)	5107.07	0.0551	0.5007	0.4206	3.0000e-003		0.0381	0.0381		0.0381	0.0381		600.8316	600.8316	0.0115	0.0110	604.4882
Hotel	19906.3	0.2147	1.9516	1.6393	0.0117		0.1483	0.1483		0.1483	0.1483		2,341.9204	2,341.9204	0.0449	0.0429	2,356.1729
Library	4741.15	0.0511	0.4648	0.3905	2.7900e-003		0.0353	0.0353		0.0353	0.0353		557.7824	557.7824	0.0107	0.0102	561.1770
Regional Shopping Center	149.041	1.6100e-003	0.0146	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.5343	17.5343	3.4000e-004	3.2000e-004	17.6410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.8405**	**7.4592**	**5.0899**	**0.0458**		**0.5807**	**0.5807**		**0.5807**	**0.5807**		**9,168.3897**	**9,168.3897**	**0.1757**	**0.1681**	**9,224.1869**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	6.63837	0.0716	0.6118	0.2603	3.9000e-003		0.0495	0.0495		0.0495	0.0495		780.9846	780.9846	0.0150	0.0143	785.7376
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	13.9168	0.1501	1.3644	1.1461	8.1900e-003		0.1037	0.1037		0.1037	0.1037		1,637.2751	1,637.2751	0.0314	0.0300	1,647.2392
High Turnover (Sit Down Restaurant)	4.9088	0.0529	0.4813	0.4043	2.8900e-003		0.0366	0.0366		0.0366	0.0366		577.5059	577.5059	0.0111	0.0106	581.0205
Hotel	16.5711	0.1787	1.6246	1.3647	9.7500e-003		0.1235	0.1235		0.1235	0.1235		1,949.5411	1,949.5411	0.0374	0.0357	1,961.4057
Library	4.01725	0.0433	0.3939	0.3308	2.3600e-003		0.0299	0.0299		0.0299	0.0299		472.6176	472.6176	9.0600e-003	8.6600e-003	475.4938
Regional Shopping Center	0.127825	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0382	15.0382	2.9000e-004	2.8000e-004	15.1297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	19.2513	0.2076	1.7741	0.7550	0.0113		0.1434	0.1434		0.1434	0.1434		2,264.8554	2,264.8554	0.0434	0.0415	2,278.6390
Total		**0.7056**	**6.2626**	**4.2717**	**0.0385**		**0.4875**	**0.4875**		**0.4875**	**0.4875**		**7,697.8178**	**7,697.8178**	**0.1476**	**0.1411**	**7,744.6655**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	56.8760	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Unmitigated	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1241					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9892	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559		116.3950	116.3950	0.1144		118.7972
Total	**64.8879**	**0.7490**	**64.8110**	**3.4200e-003**		**0.3559**	**0.3559**		**0.3559**	**0.3559**	**0.0000**	**116.3950**	**116.3950**	**0.1144**	**0.0000**	**118.7972**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.5824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5190	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101		98.8792	98.8792	0.0869		100.7050
Total	**56.8760**	**0.6697**	**56.9957**	**2.8200e-003**		**0.3101**	**0.3101**		**0.3101**	**0.3101**	**0.0000**	**98.8792**	**98.8792**	**0.0869**	**0.0000**	**100.7050**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Project with Mitigation Measure AQ-3

Long Beach Civic Center

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	575.79	1000sqft	3.78	575,793.00	0
Library	92.00	1000sqft	1.73	92,000.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	8.00	1000sqft	0.00	8,000.00	0
Hotel	200.00	Room	0.00	290,400.00	0
Condo/Townhouse High Rise	200.00	Dwelling Unit	0.90	235,000.00	572
Condo/Townhouse High Rise	580.00	Dwelling Unit	6.29	650,000.00	1659
Regional Shopping Center	32.00	1000sqft	0.00	32,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113. Assumed compliance with MM AQ-3.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	864,939.00	435,697.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	864,939.00	50,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	864,939.00	310,200.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,594,817.00	1,307,090.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,594,817.00	150,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,594,817.00	930,600.00

tblArchitecturalCoating	ConstArea_Residential_Exterior	597,375.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	597,375.00	158,625.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	597,375.00	438,750.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,792,125.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,792,125.00	475,875.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,792,125.00	1,316,250.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_Nonresidential_Interior	2594817	2387690
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3

tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	DPF	No Change	Level 3
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	238.00
tblConstructionPhase	NumDays	20.00	132.00
tblConstructionPhase	NumDays	20.00	349.00
tblConstructionPhase	NumDays	300.00	87.00
tblConstructionPhase	NumDays	300.00	346.00
tblConstructionPhase	NumDays	300.00	694.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	130.00
tblConstructionPhase	NumDays	20.00	110.00
tblConstructionPhase	NumDays	30.00	154.00
tblConstructionPhase	NumDays	30.00	284.00
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	20.00	282.00
tblConstructionPhase	PhaseEndDate	1/26/2023	7/29/2022
tblConstructionPhase	PhaseEndDate	7/3/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	3/4/2019	10/31/2019
tblConstructionPhase	PhaseEndDate	4/30/2020	3/31/2020
tblConstructionPhase	PhaseEndDate	4/29/2022	2/28/2022
tblConstructionPhase	PhaseEndDate	11/28/2019	4/30/2019
tblConstructionPhase	PhaseEndDate	9/29/2020	6/30/2020
tblConstructionPhase	PhaseEndDate	5/1/2020	11/29/2019
tblConstructionPhase	PhaseEndDate	2/1/2021	12/31/2020

tblConstructionPhase	PhaseEndDate	6/1/2017	3/31/2017
tblConstructionPhase	PhaseEndDate	3/2/2020	12/31/2019
tblConstructionPhase	PhaseEndDate	11/28/2022	7/29/2022
tblConstructionPhase	PhaseEndDate	1/28/2020	12/29/2017
tblConstructionPhase	PhaseEndDate	11/30/2020	11/29/2019
tblConstructionPhase	PhaseStartDate	3/1/2022	9/1/2021
tblConstructionPhase	PhaseStartDate	12/30/2017	5/1/2017
tblConstructionPhase	PhaseStartDate	11/1/2017	7/2/2018
tblConstructionPhase	PhaseStartDate	1/1/2020	12/2/2019
tblConstructionPhase	PhaseStartDate	1/1/2021	11/2/2020
tblConstructionPhase	PhaseStartDate	4/1/2017	9/1/2016
tblConstructionPhase	PhaseStartDate	4/1/2020	1/1/2020
tblConstructionPhase	PhaseStartDate	11/30/2019	7/1/2019
tblConstructionPhase	PhaseStartDate	7/1/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	4/30/2016	3/1/2016
tblConstructionPhase	PhaseStartDate	11/30/2019	10/1/2019
tblConstructionPhase	PhaseStartDate	7/30/2022	4/1/2022
tblConstructionPhase	PhaseStartDate	5/1/2019	4/3/2017
tblConstructionPhase	PhaseStartDate	11/1/2019	11/1/2018
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	663.00	0.00
tblFireplaces	NumberNoFireplace	78.00	0.00
tblFireplaces	NumberWood	39.00	0.00
tblGrading	AcresOfGrading	385.00	2.00
tblGrading	AcresOfGrading	710.00	4.20
tblGrading	AcresOfGrading	165.00	3.10

tblGrading	MaterialExported	0.00	200,000.00
tblGrading	MaterialExported	0.00	180,000.00
tblGrading	MaterialImported	0.00	68,200.00
tblLandUse	LandUseSquareFeet	575,790.00	575,793.00
tblLandUse	LandUseSquareFeet	200,000.00	235,000.00
tblLandUse	LandUseSquareFeet	580,000.00	650,000.00
tblLandUse	LotAcreage	13.22	3.78
tblLandUse	LotAcreage	2.11	1.73
tblLandUse	LotAcreage	2.25	0.00
tblLandUse	LotAcreage	4.58	0.00
tblLandUse	LotAcreage	6.52	0.00
tblLandUse	LotAcreage	0.18	0.00
tblLandUse	LotAcreage	6.67	0.00
tblLandUse	LotAcreage	3.13	0.90
tblLandUse	LotAcreage	9.06	6.29
tblLandUse	LotAcreage	0.73	0.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	VendorTripNumber	367.00	354.00
tblTripsAndVMT	VendorTripNumber	367.00	354.00
tblTripsAndVMT	VendorTripNumber	367.00	354.00
tblTripsAndVMT	WorkerTripNumber	1,227.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	1,227.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	245.00	229.00
tblTripsAndVMT	WorkerTripNumber	1,227.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	245.00	229.00
tblTripsAndVMT	WorkerTripNumber	245.00	229.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01

tblVehicleEF	HHD	3.16	3.42
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	53.80	51.65
tblVehicleEF	HHD	528.22	527.54
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	3.93	3.33
tblVehicleEF	HHD	4.25	3.36
tblVehicleEF	HHD	3.53	3.38
tblVehicleEF	HHD	9.7330e-003	9.3010e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	8.9550e-003	8.5570e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4370e-003	1.3690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.56	0.61
tblVehicleEF	HHD	1.0510e-003	1.0190e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.42	1.22
tblVehicleEF	HHD	5.5990e-003	5.5920e-003

tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4410e-003	1.3960e-003
tblVehicleEF	HHD	1.4370e-003	1.3690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.64	0.69
tblVehicleEF	HHD	1.0510e-003	1.0190e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.52	1.30
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.30	2.49
tblVehicleEF	HHD	1.69	1.70
tblVehicleEF	HHD	43.34	41.60
tblVehicleEF	HHD	559.60	558.89
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	4.06	3.43
tblVehicleEF	HHD	4.01	3.17
tblVehicleEF	HHD	3.38	3.24
tblVehicleEF	HHD	8.2050e-003	7.8410e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	7.5490e-003	7.2140e-003
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.53	0.57
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.24	1.06
tblVehicleEF	HHD	5.9320e-003	5.9240e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2710e-003	1.2330e-003
tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.60	0.65
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.32	1.14
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	4.35	4.71
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	54.58	52.38
tblVehicleEF	HHD	484.88	484.26
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	3.76	3.18
tblVehicleEF	HHD	4.18	3.31
tblVehicleEF	HHD	3.54	3.40
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.61	0.66
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.44	1.23
tblVehicleEF	HHD	5.1400e-003	5.1330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4540e-003	1.4080e-003
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.69	0.75
tblVehicleEF	HHD	1.0540e-003	1.0120e-003

tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.54	1.31
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.77	0.71
tblVehicleEF	LDA	1.39	1.21
tblVehicleEF	LDA	248.70	239.34
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5970e-003	3.6040e-003
tblVehicleEF	LDA	7.6100e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02

tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
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tblVehicleEF	LDA	1.09	0.95
tblVehicleEF	LDA	261.60	251.82
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	3.7860e-003	3.7940e-003
tblVehicleEF	LDA	7.5600e-004	7.5400e-004
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.21	0.19

tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.74	0.68
tblVehicleEF	LDA	1.44	1.25
tblVehicleEF	LDA	244.71	235.50
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5390e-003	3.5450e-003
tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76
tblVehicleEF	LDT1	3.77	3.19
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tblVehicleEF	LDT1	63.81	61.80
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tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02

tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52
tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
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tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01

tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95

tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35

tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11

tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65

tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
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tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004

tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15

tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
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tblVehicleEF	LHD2	1.47	1.25
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tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
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tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004

tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
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tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
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tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
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tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
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tblVehicleEF	LHD2	1.53	1.30

tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
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tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06

tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
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tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003

tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003
tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004

tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
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tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
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tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003

tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003

tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003

tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004

tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
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tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06

tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08

tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09

tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003

tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40
tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
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tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
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tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
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tblVehicleEF	OBUS	491.00	489.70
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tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04

tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
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tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
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tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35

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tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92

tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29

tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04

tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52
tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003

tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88

tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15

tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	39.00	0.00

tblWoodstoves	NumberNoncatalytic	39.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.5093	163.8386	197.2309	0.3777	23.0128	6.5144	29.5272	7.8547	6.0314	13.8861	0.0000	35,587.1767	35,587.1767	3.4059	0.0000	35,658.7005
2017	38.0558	151.1470	184.8872	0.3774	26.2319	5.9721	32.2040	8.6450	5.5287	14.1737	0.0000	34,737.1330	34,737.1330	3.3355	0.0000	34,807.1777
2018	46.8248	75.0855	140.1807	0.3122	17.7166	3.1320	20.8486	4.7419	2.9241	7.6660	0.0000	26,864.4925	26,864.4925	2.1439	0.0000	26,909.5148
2019	47.6767	136.5386	173.4646	0.4129	23.6533	5.6484	28.4622	8.0279	5.2254	12.4788	0.0000	36,587.8535	36,587.8535	3.9613	0.0000	36,671.0401
2020	15.1353	126.7817	173.0115	0.4369	24.2259	4.4851	28.7110	8.1871	4.1497	12.3367	0.0000	37,858.2649	37,858.2649	3.2299	0.0000	37,926.0928
2021	65.9505	41.8321	107.3338	0.2874	17.5493	1.5040	19.0533	4.6976	1.4115	6.1091	0.0000	22,789.5839	22,789.5839	1.2934	0.0000	22,816.7449
2022	65.4848	37.9452	103.0679	0.2873	17.5493	1.3387	18.8880	4.6976	1.2559	5.9535	0.0000	22,570.1567	22,570.1567	1.2636	0.0000	22,596.6932
Total	**298.6370**	**733.1687**	**1,079.1766**	**2.4917**	**149.9391**	**28.5946**	**177.6943**	**46.8519**	**26.5264**	**72.6038**	**0.0000**	**216,994.6612**	**216,994.6612**	**18.6335**	**0.0000**	**217,385.9640**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	10.7065	66.0252	181.7766	0.3777	19.6526	0.9840	20.6366	6.0272	0.9066	6.9338	0.0000	35,587.1767	35,587.1767	3.4059	0.0000	35,658.7005
2017	33.3444	60.6560	172.1428	0.3774	22.8717	0.8949	23.7666	6.8175	0.8251	7.6426	0.0000	34,737.1330	34,737.1330	3.3355	0.0000	34,807.1777
2018	42.8767	36.2033	142.4705	0.3122	17.7166	0.5607	18.2773	4.7419	0.5174	5.2593	0.0000	26,864.4925	26,864.4925	2.1439	0.0000	26,909.5147
2019	42.3419	63.7517	168.2452	0.4129	20.2495	1.0402	21.2897	6.1946	0.9593	7.1539	0.0000	36,587.8534	36,587.8534	3.9613	0.0000	36,671.0401
2020	9.5568	63.8205	169.9671	0.4369	20.8254	1.1315	21.9570	6.3534	1.0434	7.3968	0.0000	37,858.2649	37,858.2649	3.2299	0.0000	37,926.0928
2021	64.1947	25.3226	108.2220	0.2874	17.5493	0.4617	18.0110	4.6976	0.4262	5.1238	0.0000	22,789.5839	22,789.5839	1.2934	0.0000	22,816.7449
2022	63.9373	23.3580	104.1702	0.2873	17.5493	0.4579	18.0073	4.6976	0.4227	5.1203	0.0000	22,570.1567	22,570.1567	1.2636	0.0000	22,596.6932
Total	**266.9583**	**339.1374**	**1,046.9943**	**2.4917**	**136.4144**	**5.5309**	**141.9454**	**39.5298**	**5.1008**	**44.6306**	**0.0000**	**216,994.6611**	**216,994.6611**	**18.6335**	**0.0000**	**217,385.9639**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.61**	**53.74**	**2.98**	**0.00**	**9.02**	**80.66**	**20.12**	**15.63**	**80.77**	**38.53**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972
Energy	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869
Mobile	58.5172	137.4439	589.8664	1.8868	131.0810	2.5774	133.6584	35.0295	2.3777	37.4072		143,001.9016	143,001.9016	4.8759		143,104.2958
Total	**124.2455**	**145.6522**	**659.7673**	**1.9361**	**131.0810**	**3.5139**	**134.5949**	**35.0295**	**3.3143**	**38.3438**	**0.0000**	**152,286.6863**	**152,286.6863**	**5.1660**	**0.1681**	**152,447.2799**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	56.8760	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Energy	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
Mobile	53.1204	99.4005	459.8599	1.2697	86.8310	1.7747	88.6057	23.2043	1.6375	24.8418		96,203.0437	96,203.0437	3.3728		96,273.8724
Total	**110.7020**	**106.3328**	**521.1272**	**1.3110**	**86.8310**	**2.5724**	**89.4033**	**23.2043**	**2.4351**	**25.6395**	**0.0000**	**103,999.7407**	**103,999.7407**	**3.6073**	**0.1411**	**104,119.2428**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.90**	**27.00**	**21.01**	**32.29**	**33.76**	**26.79**	**33.58**	**33.76**	**26.53**	**33.13**	**0.00**	**31.71**	**31.71**	**30.17**	**16.04**	**31.70**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 475,875; Residential Outdoor: 158,625; Non-Residential Indoor: 150,000; Non-Residential Outdoor: 50,000 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38
Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40

Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29
Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7615	0.0000	4.7615	0.7209	0.0000	0.7209			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**4.7615**	**2.2921**	**7.0537**	**0.7209**	**2.1365**	**2.8575**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3976	6.2495	4.8898	0.0162	0.3833	0.0960	0.4793	0.1050	0.0883	0.1932		1,631.0464	1,631.0464	0.0118		1,631.2936
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.4616**	**6.3355**	**5.7881**	**0.0182**	**0.5510**	**0.0974**	**0.6484**	**0.1494**	**0.0896**	**0.2390**		**1,798.4037**	**1,798.4037**	**0.0209**		**1,798.8432**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1427	0.0000	2.1427	0.3244	0.0000	0.3244			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**2.1427**	**9.4800e-003**	**2.1522**	**0.3244**	**9.4800e-003**	**0.3339**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3976	6.2495	4.8898	0.0162	0.3833	0.0960	0.4793	0.1050	0.0883	0.1932		1,631.0464	1,631.0464	0.0118		1,631.2936
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.4616**	**6.3355**	**5.7881**	**0.0182**	**0.5510**	**0.0974**	**0.6484**	**0.1494**	**0.0896**	**0.2390**		**1,798.4037**	**1,798.4037**	**0.0209**		**1,798.8432**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**6.1095**	**3.5842**	**9.6937**	**3.3228**	**3.2975**	**6.6203**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4317	22.5054	17.6088	0.0583	1.6913	0.3456	2.0369	0.4543	0.3179	0.7722		5,873.6466	5,873.6466	0.0424		5,874.5369
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**1.5170**	**22.6200**	**18.8066**	**0.0610**	**1.9149**	**0.3474**	**2.2623**	**0.5136**	**0.3196**	**0.8332**		**6,096.7896**	**6,096.7896**	**0.0546**		**6,097.9363**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4317	22.5054	17.6088	0.0583	1.6913	0.3456	2.0369	0.4543	0.3179	0.7722		5,873.6466	5,873.6466	0.0424		5,874.5369
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**1.5170**	**22.6200**	**18.8066**	**0.0610**	**1.9149**	**0.3474**	**2.2623**	**0.5136**	**0.3196**	**0.8332**		**6,096.7896**	**6,096.7896**	**0.0546**		**6,097.9363**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**6.1095**	**3.3172**	**9.4266**	**3.3228**	**3.0518**	**6.3746**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3474	20.6264	16.9960	0.0582	4.9098	0.3158	5.2255	1.2443	0.2905	1.5348		5,777.2137	5,777.2137	0.0415		5,778.0859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.1035	1.0796	2.6500e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		214.5722	214.5722	0.0113		214.8087
Total	**1.4239**	**20.7299**	**18.0756**	**0.0609**	**5.1333**	**0.3176**	**5.4509**	**1.3036**	**0.2921**	**1.5958**		**5,991.7859**	**5,991.7859**	**0.0528**		**5,992.8946**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7493**	**0.0151**	**2.7644**	**1.4953**	**0.0151**	**1.5104**	**0.0000**	**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3474	20.6264	16.9960	0.0582	4.9098	0.3158	5.2255	1.2443	0.2905	1.5348		5,777.2137	5,777.2137	0.0415		5,778.0859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.1035	1.0796	2.6500e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		214.5722	214.5722	0.0113		214.8087
Total	**1.4239**	**20.7299**	**18.0756**	**0.0609**	**5.1333**	**0.3176**	**5.4509**	**1.3036**	**0.2921**	**1.5958**		**5,991.7859**	**5,991.7859**	**0.0528**		**5,992.8946**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.2313	31.3458	42.3245	0.0764	2.2124	0.5086	2.7210	0.6301	0.4677	1.0978		7,653.4946	7,653.4946	0.0567		7,654.6859
Worker	4.8753	6.5528	68.4557	0.1517	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		12,752.6253	12,752.6253	0.6976		12,767.2738
Total	**8.1066**	**37.8985**	**110.7802**	**0.2282**	**14.9885**	**0.6153**	**15.6038**	**4.0183**	**0.5658**	**4.5842**		**20,406.1199**	**20,406.1199**	**0.7543**		**20,421.9598**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.2313	31.3458	42.3245	0.0764	2.2124	0.5086	2.7210	0.6301	0.4677	1.0978		7,653.4946	7,653.4946	0.0567		7,654.6859
Worker	4.8753	6.5528	68.4557	0.1517	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		12,752.6253	12,752.6253	0.6976		12,767.2738
Total	**8.1066**	**37.8985**	**110.7802**	**0.2282**	**14.9885**	**0.6153**	**15.6038**	**4.0183**	**0.5658**	**4.5842**		**20,406.1199**	**20,406.1199**	**0.7543**		**20,421.9598**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9506	28.5049	40.1784	0.0764	2.2131	0.4534	2.6665	0.6304	0.4170	1.0473		7,529.3734	7,529.3734	0.0549		7,530.5264
Worker	4.3711	5.9145	61.6991	0.1516	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		12,262.7995	12,262.7995	0.6437		12,276.3161
Total	**7.3218**	**34.4194**	**101.8775**	**0.2280**	**14.9892**	**0.5561**	**15.5453**	**4.0186**	**0.5117**	**4.5303**		**19,792.1728**	**19,792.1728**	**0.6986**		**19,806.8426**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9506	28.5049	40.1784	0.0764	2.2131	0.4534	2.6665	0.6304	0.4170	1.0473		7,529.3734	7,529.3734	0.0549		7,530.5264
Worker	4.3711	5.9145	61.6991	0.1516	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		12,262.7995	12,262.7995	0.6437		12,276.3161
Total	**7.3218**	**34.4194**	**101.8775**	**0.2280**	**14.9892**	**0.5561**	**15.5453**	**4.0186**	**0.5117**	**4.5303**		**19,792.1728**	**19,792.1728**	**0.6986**		**19,806.8426**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7576	26.1476	38.5536	0.0762	2.2132	0.4272	2.6404	0.6304	0.3929	1.0233		7,402.8932	7,402.8932	0.0546		7,404.0400
Worker	3.9309	5.3636	55.8281	0.1515	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		11,804.9092	11,804.9092	0.5974		11,817.4538
Total	**6.6885**	**31.5112**	**94.3816**	**0.2278**	**14.9892**	**0.5272**	**15.5164**	**4.0186**	**0.4855**	**4.5041**		**19,207.8024**	**19,207.8024**	**0.6520**		**19,221.4937**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7576	26.1476	38.5536	0.0762	2.2132	0.4272	2.6404	0.6304	0.3929	1.0233		7,402.8932	7,402.8932	0.0546		7,404.0400
Worker	3.9309	5.3636	55.8281	0.1515	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		11,804.9092	11,804.9092	0.5974		11,817.4538
Total	**6.6885**	**31.5112**	**94.3816**	**0.2278**	**14.9892**	**0.5272**	**15.5164**	**4.0186**	**0.4855**	**4.5041**		**19,207.8024**	**19,207.8024**	**0.6520**		**19,221.4937**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**24.7912**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8758	1.1850	12.3614	0.0304	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,456.8513	2,456.8513	0.1290		2,459.5594
Total	**0.8758**	**1.1850**	**12.3614**	**0.0304**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,456.8513**	**2,456.8513**	**0.1290**		**2,459.5594**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.4588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**24.4886**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8758	1.1850	12.3614	0.0304	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,456.8513	2,456.8513	0.1290		2,459.5594
Total	**0.8758**	**1.1850**	**12.3614**	**0.0304**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,456.8513**	**2,456.8513**	**0.1290**		**2,459.5594**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**35.0170**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7876	1.0746	11.1852	0.0304	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,365.1131	2,365.1131	0.1197		2,367.6264
Total	**0.7876**	**1.0746**	**11.1852**	**0.0304**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,365.1131**	**2,365.1131**	**0.1197**		**2,367.6264**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7876	1.0746	11.1852	0.0304	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,365.1131	2,365.1131	0.1197		2,367.6264
Total	**0.7876**	**1.0746**	**11.1852**	**0.0304**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,365.1131**	**2,365.1131**	**0.1197**		**2,367.6264**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**34.9849**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7242	0.9854	10.2515	0.0303	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,275.0788	2,275.0788	0.1120		2,277.4314
Total	**0.7242**	**0.9854**	**10.2515**	**0.0303**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,275.0788**	**2,275.0788**	**0.1120**		**2,277.4314**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.7184					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**34.7481**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7242	0.9854	10.2515	0.0303	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,275.0788	2,275.0788	0.1120		2,277.4314
Total	**0.7242**	**0.9854**	**10.2515**	**0.0303**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,275.0788**	**2,275.0788**	**0.1120**		**2,277.4314**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0516	0.0704	0.7327	1.9900e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		154.9201	154.9201	7.8400e-003		155.0847
Total	**0.0516**	**0.0704**	**0.7327**	**1.9900e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**154.9201**	**154.9201**	**7.8400e-003**		**155.0847**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0516	0.0704	0.7327	1.9900e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		154.9201	154.9201	7.8400e-003		155.0847
Total	**0.0516**	**0.0704**	**0.7327**	**1.9900e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**154.9201**	**154.9201**	**7.8400e-003**		**155.0847**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.0474**	**0.0645**	**0.6715**	**1.9800e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**149.0226**	**149.0226**	**7.3400e-003**		**149.1767**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.0474**	**0.0645**	**0.6715**	**1.9800e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**149.0226**	**149.0226**	**7.3400e-003**		**149.1767**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2349	0.0000	1.2349	0.1870	0.0000	0.1870			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316		3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**1.2349**	**1.6448**	**2.8797**	**0.1870**	**1.5316**	**1.7185**		**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0919	1.2880	1.1804	4.1800e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0482		401.4527	401.4527	3.0100e-003		401.5160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.1393**	**1.3525**	**1.8519**	**6.1600e-003**	**0.2672**	**0.0240**	**0.2912**	**0.0717**	**0.0221**	**0.0938**		**550.4753**	**550.4753**	**0.0104**		**550.6927**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5557	0.0000	0.5557	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0399		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**0.4739**	**2.0535**	**23.8257**	**0.0399**	**0.5557**	**9.4800e-003**	**0.5652**	**0.0841**	**9.4800e-003**	**0.0936**	**0.0000**	**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0919	1.2880	1.1804	4.1800e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0482		401.4527	401.4527	3.0100e-003		401.5160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.1393**	**1.3525**	**1.8519**	**6.1600e-003**	**0.2672**	**0.0240**	**0.2912**	**0.0717**	**0.0221**	**0.0938**		**550.4753**	**550.4753**	**0.0104**		**550.6927**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1888	0.0000	6.1888	3.3333	0.0000	3.3333			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**6.1888**	**2.5049**	**8.6937**	**3.3333**	**2.3045**	**5.6378**		**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0782	29.1403	26.7055	0.0945	2.2516	0.5138	2.7654	0.6166	0.4727	1.0893		9,082.7608	9,082.7608	0.0682		9,084.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0861	0.8953	2.6500e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		198.6968	198.6968	9.7800e-003		198.9023
Total	**2.1415**	**29.2264**	**27.6008**	**0.0972**	**2.4751**	**0.5156**	**2.9907**	**0.6759**	**0.4743**	**1.1502**		**9,281.4576**	**9,281.4576**	**0.0780**		**9,283.0947**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7849	0.0000	2.7849	1.5000	0.0000	1.5000			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7849**	**0.0151**	**2.8001**	**1.5000**	**0.0151**	**1.5151**	**0.0000**	**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0782	29.1403	26.7055	0.0945	2.2516	0.5138	2.7654	0.6166	0.4727	1.0893		9,082.7608	9,082.7608	0.0682		9,084.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0861	0.8953	2.6500e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		198.6968	198.6968	9.7800e-003		198.9023
Total	**2.1415**	**29.2264**	**27.6008**	**0.0972**	**2.4751**	**0.5156**	**2.9907**	**0.6759**	**0.4743**	**1.1502**		**9,281.4576**	**9,281.4576**	**0.0780**		**9,283.0947**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1429	0.0000	2.1429	0.3245	0.0000	0.3245			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865		3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**2.1429**	**1.4899**	**3.6327**	**0.3245**	**1.3865**	**1.7110**		**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1559	1.9913	2.0213	7.2400e-003	0.1726	0.0391	0.2116	0.0473	0.0359	0.0832		680.4683	680.4683	5.2300e-003		680.5781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0598	0.6246	1.9800e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		142.9673	142.9673	6.9500e-003		143.1132
Total	**0.2004**	**2.0511**	**2.6459**	**9.2200e-003**	**0.3403**	**0.0403**	**0.3806**	**0.0917**	**0.0371**	**0.1288**		**823.4356**	**823.4356**	**0.0122**		**823.6914**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9643	0.0000	0.9643	0.1460	0.0000	0.1460			0.0000			0.0000
Off-Road	0.4739	2.0535	23.8257	0.0400		9.4800e-003	9.4800e-003		9.4800e-003	9.4800e-003	0.0000	3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**0.4739**	**2.0535**	**23.8257**	**0.0400**	**0.9643**	**9.4800e-003**	**0.9738**	**0.1460**	**9.4800e-003**	**0.1555**	**0.0000**	**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1559	1.9913	2.0213	7.2400e-003	0.1726	0.0391	0.2116	0.0473	0.0359	0.0832		680.4683	680.4683	5.2300e-003		680.5781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0598	0.6246	1.9800e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		142.9673	142.9673	6.9500e-003		143.1132
Total	**0.2004**	**2.0511**	**2.6459**	**9.2200e-003**	**0.3403**	**0.0403**	**0.3806**	**0.0917**	**0.0371**	**0.1288**		**823.4356**	**823.4356**	**0.0122**		**823.6914**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1827	0.0000	6.1827	3.3340	0.0000	3.3340			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**6.1827**	**2.2619**	**8.4447**	**3.3340**	**2.0810**	**5.4149**		**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5564	32.6529	33.1448	0.1187	2.8300	0.6403	3.4703	0.7751	0.5890	1.3641		11,158.1446	11,158.1446	0.0858		11,159.9455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0797	0.8328	2.6400e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		190.6230	190.6230	9.2700e-003		190.8176
Total	**2.6157**	**32.7327**	**33.9776**	**0.1213**	**3.0536**	**0.6420**	**3.6955**	**0.8344**	**0.5906**	**1.4250**		**11,348.7676**	**11,348.7676**	**0.0950**		**11,350.7631**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7822	0.0000	2.7822	1.5003	0.0000	1.5003			0.0000			0.0000
Off-Road	0.7564	3.2778	34.7787	0.0617		0.0151	0.0151		0.0151	0.0151	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**0.7564**	**3.2778**	**34.7787**	**0.0617**	**2.7822**	**0.0151**	**2.7974**	**1.5003**	**0.0151**	**1.5154**	**0.0000**	**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5564	32.6529	33.1448	0.1187	2.8300	0.6403	3.4703	0.7751	0.5890	1.3641		11,158.1446	11,158.1446	0.0858		11,159.9455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0797	0.8328	2.6400e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		190.6230	190.6230	9.2700e-003		190.8176
Total	**2.6157**	**32.7327**	**33.9776**	**0.1213**	**3.0536**	**0.6420**	**3.6955**	**0.8344**	**0.5906**	**1.4250**		**11,348.7676**	**11,348.7676**	**0.0950**		**11,350.7631**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3842	17.8517	35.3378	0.0758	2.2136	0.3377	2.5513	0.6305	0.3107	0.9412		7,092.0130	7,092.0130	0.0530		7,093.1258
Worker	3.2044	4.2598	44.6876	0.1515	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		10,724.6567	10,724.6567	0.5069		10,735.3020
Total	**5.5886**	**22.1115**	**80.0254**	**0.2273**	**14.9896**	**0.4355**	**15.4251**	**4.0188**	**0.4014**	**4.4201**		**17,816.6696**	**17,816.6696**	**0.5599**		**17,828.4278**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3842	17.8517	35.3378	0.0758	2.2136	0.3377	2.5513	0.6305	0.3107	0.9412		7,092.0130	7,092.0130	0.0530		7,093.1258
Worker	3.2044	4.2598	44.6876	0.1515	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		10,724.6567	10,724.6567	0.5069		10,735.3020
Total	**5.5886**	**22.1115**	**80.0254**	**0.2273**	**14.9896**	**0.4355**	**15.4251**	**4.0188**	**0.4014**	**4.4201**		**17,816.6696**	**17,816.6696**	**0.5599**		**17,828.4278**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3306	16.2058	34.5106	0.0757	2.2136	0.3340	2.5476	0.6305	0.3073	0.9378		7,085.6561	7,085.6561	0.0542		7,086.7937
Worker	3.0346	3.9943	42.0012	0.1514	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		10,546.3434	10,546.3434	0.4854		10,556.5364
Total	**5.3652**	**20.2001**	**76.5118**	**0.2272**	**14.9897**	**0.4317**	**15.4213**	**4.0188**	**0.3979**	**4.4166**		**17,631.9996**	**17,631.9996**	**0.5396**		**17,643.3301**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3265	2.2289	17.4110	0.0268		6.0900e-003	6.0900e-003		6.0900e-003	6.0900e-003	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**0.3265**	**2.2289**	**17.4110**	**0.0268**		**6.0900e-003**	**6.0900e-003**		**6.0900e-003**	**6.0900e-003**	**0.0000**	**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3306	16.2058	34.5106	0.0757	2.2136	0.3340	2.5476	0.6305	0.3073	0.9378		7,085.6561	7,085.6561	0.0542		7,086.7937
Worker	3.0346	3.9943	42.0012	0.1514	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		10,546.3434	10,546.3434	0.4854		10,556.5364
Total	**5.3652**	**20.2001**	**76.5118**	**0.2272**	**14.9897**	**0.4317**	**15.4213**	**4.0188**	**0.3979**	**4.4166**		**17,631.9996**	**17,631.9996**	**0.5396**		**17,643.3301**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**57.8268**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6420	0.8535	8.9532	0.0303	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,148.6845	2,148.6845	0.1016		2,150.8173
Total	**0.6420**	**0.8535**	**8.9532**	**0.0303**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,148.6845**	**2,148.6845**	**0.1016**		**2,150.8173**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6420	0.8535	8.9532	0.0303	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,148.6845	2,148.6845	0.1016		2,150.8173
Total	**0.6420**	**0.8535**	**8.9532**	**0.0303**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,148.6845**	**2,148.6845**	**0.1016**		**2,150.8173**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**57.8124**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6080	0.8003	8.4149	0.0303	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,112.9595	2,112.9595	0.0973		2,115.0016
Total	**0.6080**	**0.8003**	**8.4149**	**0.0303**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,112.9595**	**2,112.9595**	**0.0973**		**2,115.0016**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	57.6079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	281.4481	281.4481	0.0183		281.8329
Total	**57.6376**	**0.1288**	**1.8324**	**2.9700e-003**		**5.9000e-004**	**5.9000e-004**		**5.9000e-004**	**5.9000e-004**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.8329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6080	0.8003	8.4149	0.0303	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,112.9595	2,112.9595	0.0973		2,115.0016
Total	**0.6080**	**0.8003**	**8.4149**	**0.0303**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,112.9595**	**2,112.9595**	**0.0973**		**2,115.0016**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131		2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**		**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0524	0.5512	1.9900e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		138.4035	138.4035	6.3700e-003		138.5372
Total	**0.0398**	**0.0524**	**0.5512**	**1.9900e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**138.4035**	**138.4035**	**6.3700e-003**		**138.5372**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2745	1.1895	16.9276	0.0223		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.2745**	**1.1895**	**16.9276**	**0.0223**		**5.4900e-003**	**5.4900e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0524	0.5512	1.9900e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		138.4035	138.4035	6.3700e-003		138.5372
Total	**0.0398**	**0.0524**	**0.5512**	**1.9900e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**138.4035**	**138.4035**	**6.3700e-003**		**138.5372**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	53.1204	99.4005	459.8599	1.2697	86.8310	1.7747	88.6057	23.2043	1.6375	24.8418		96,203.0437	96,203.0437	3.3728		96,273.8724
Unmitigated	58.5172	137.4439	589.8664	1.8868	131.0810	2.5774	133.6584	35.0295	2.3777	37.4072		143,001.9016	143,001.9016	4.8759		143,104.2958

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,176.00	1,432.00	1214.00	4,162,091	2,881,466
Condo/Townhouse High Rise	3,410.40	4,152.80	3520.60	12,070,064	8,356,252
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	6,126.41	0.00	0.00	13,513,671	8,716,444
High Turnover (Sit Down Restaurant)	1,017.20	1,266.96	1054.72	1,442,202	950,727
Hotel	1,634.00	1,638.00	1190.00	3,749,016	2,465,413
Library	3,533.72	4,282.60	2345.08	8,762,925	5,655,704
Regional Shopping Center	3,238.08	1,599.04	807.68	5,746,096	3,781,132
Total	20,246.76	14,482.35	10,243.03	49,765,327	33,016,588

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7056	6.2626	4.2717	0.0385		0.4875	0.4875		0.4875	0.4875		7,697.8178	7,697.8178	0.1475	0.1411	7,744.6655
NaturalGas Unmitigated	0.8404	7.4592	5.0899	0.0458		0.5807	0.5807		0.5807	0.5807		9,168.3897	9,168.3897	0.1757	0.1681	9,224.1869

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	22891.8	0.2469	2.1096	0.8977	0.0135		0.1706	0.1706		0.1706	0.1706		2,693.1499	2,693.1499	0.0516	0.0494	2,709.5399
Condo/Townhouse High Rise	7893.72	0.0851	0.7275	0.3096	4.6400e-003		0.0588	0.0588		0.0588	0.0588		928.6724	928.6724	0.0178	0.0170	934.3241
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	17242.2	0.1860	1.6904	1.4200	0.0101		0.1285	0.1285		0.1285	0.1285		2,028.4988	2,028.4988	0.0389	0.0372	2,040.8439
High Turnover (Sit Down Restaurant)	5107.07	0.0551	0.5007	0.4206	3.0000e-003		0.0381	0.0381		0.0381	0.0381		600.8316	600.8316	0.0115	0.0110	604.4882
Hotel	19906.3	0.2147	1.9516	1.6393	0.0117		0.1483	0.1483		0.1483	0.1483		2,341.9204	2,341.9204	0.0449	0.0429	2,356.1729
Library	4741.15	0.0511	0.4648	0.3905	2.7900e-003		0.0353	0.0353		0.0353	0.0353		557.7824	557.7824	0.0107	0.0102	561.1770
Regional Shopping Center	149.041	1.6100e-003	0.0146	0.0123	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.5343	17.5343	3.4000e-004	3.2000e-004	17.6410
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.8405**	**7.4592**	**5.0899**	**0.0458**		**0.5807**	**0.5807**		**0.5807**	**0.5807**		**9,168.3897**	**9,168.3897**	**0.1757**	**0.1681**	**9,224.1869**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	19.2513	0.2076	1.7741	0.7550	0.0113		0.1434	0.1434		0.1434	0.1434		2,264.8554	2,264.8554	0.0434	0.0415	2,278.6390
Condo/Townhouse High Rise	6.63837	0.0716	0.6118	0.2603	3.9000e-003		0.0495	0.0495		0.0495	0.0495		780.9846	780.9846	0.0150	0.0143	785.7376
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	13.9168	0.1501	1.3644	1.1461	8.1900e-003		0.1037	0.1037		0.1037	0.1037		1,637.2751	1,637.2751	0.0314	0.0300	1,647.2392
High Turnover (Sit Down Restaurant)	4.9088	0.0529	0.4813	0.4043	2.8900e-003		0.0366	0.0366		0.0366	0.0366		577.5059	577.5059	0.0111	0.0106	581.0205
Hotel	16.5711	0.1787	1.6246	1.3647	9.7500e-003		0.1235	0.1235		0.1235	0.1235		1,949.5411	1,949.5411	0.0374	0.0357	1,961.4057
Library	4.01725	0.0433	0.3939	0.3308	2.3600e-003		0.0299	0.0299		0.0299	0.0299		472.6176	472.6176	9.0600e-003	8.6600e-003	475.4938
Regional Shopping Center	0.127825	1.3800e-003	0.0125	0.0105	8.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		15.0382	15.0382	2.9000e-004	2.8000e-004	15.1297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.7056**	**6.2626**	**4.2717**	**0.0385**		**0.4875**	**0.4875**		**0.4875**	**0.4875**		**7,697.8178**	**7,697.8178**	**0.1476**	**0.1411**	**7,744.6655**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	56.8760	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101	0.0000	98.8792	98.8792	0.0869	0.0000	100.7050
Unmitigated	64.8879	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559	0.0000	116.3950	116.3950	0.1144	0.0000	118.7972

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.1241					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9892	0.7490	64.8110	3.4200e-003		0.3559	0.3559		0.3559	0.3559		116.3950	116.3950	0.1144		118.7972
Total	**64.8879**	**0.7490**	**64.8110**	**3.4200e-003**		**0.3559**	**0.3559**		**0.3559**	**0.3559**	**0.0000**	**116.3950**	**116.3950**	**0.1144**	**0.0000**	**118.7972**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.5824					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	51.7746					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5190	0.6697	56.9957	2.8200e-003		0.3101	0.3101		0.3101	0.3101		98.8792	98.8792	0.0869		100.7050
Total	**56.8760**	**0.6697**	**56.9957**	**2.8200e-003**		**0.3101**	**0.3101**		**0.3101**	**0.3101**	**0.0000**	**98.8792**	**98.8792**	**0.0869**	**0.0000**	**100.7050**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Reduced Density Alternative

Long Beach Civic Center

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	547.00	1000sqft	3.78	547,003.00	0
Library	87.40	1000sqft	1.73	87,400.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	7.60	1000sqft	0.00	7,600.00	0
Hotel	190.00	Room	0.00	275,880.00	0
Condo/Townhouse High Rise	190.00	Dwelling Unit	0.90	223,250.00	543
Condo/Townhouse High Rise	551.00	Dwelling Unit	6.29	617,500.00	1576
Regional Shopping Center	30.40	1000sqft	0.00	30,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD. Reduced by 5%.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing. Reduced by 5% for Alt.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113. Assumed compliance with MM AQ-3.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08

tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.61	0.66
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.44	1.23
tblVehicleEF	HHD	5.1400e-003	5.1330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4540e-003	1.4080e-003
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.69	0.75
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.54	1.31
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.77	0.71
tblVehicleEF	LDA	1.39	1.21
tblVehicleEF	LDA	248.70	239.34
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003

tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5970e-003	3.6040e-003
tblVehicleEF	LDA	7.6100e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.86	0.79
tblVehicleEF	LDA	1.09	0.95
tblVehicleEF	LDA	261.60	251.82
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003

tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	3.7860e-003	3.7940e-003
tblVehicleEF	LDA	7.5600e-004	7.5400e-004
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.74	0.68
tblVehicleEF	LDA	1.44	1.25
tblVehicleEF	LDA	244.71	235.50
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003

tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5390e-003	3.5450e-003
tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76
tblVehicleEF	LDT1	3.77	3.19
tblVehicleEF	LDT1	303.51	294.33
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003

tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52
tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23

tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29

tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95
tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35
tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45

tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.2300e-004	5.1800e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39

tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06

tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48

tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003

tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
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tblVehicleEF	LHD2	1.53	1.30
tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37

tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003

tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54

tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06

tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
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tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68

tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32

tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29

tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40

tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40

tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06
tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003

tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10

tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004

tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40
tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85

tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35
tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03

tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003

tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52

tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83

tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88
tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02

tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	37.05	0.00
tblWoodstoves	NumberNoncatalytic	37.05	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	1.5611	15.8757	14.8099	0.0272	1.9419	0.6454	2.5873	0.7364	0.5966	1.3331	0.0000	2,393.7998	2,393.7998	0.2977	0.0000	2,400.0506
2017	3.3562	13.1616	20.2302	0.0421	3.1264	0.5456	3.6720	1.0755	0.5073	1.5828	0.0000	3,417.9267	3,417.9267	0.2895	0.0000	3,424.0070
2018	3.4449	7.8104	15.8436	0.0363	2.0890	0.2949	2.3838	0.5604	0.2761	0.8365	0.0000	2,815.3216	2,815.3216	0.1752	0.0000	2,819.0002
2019	4.7425	9.5482	12.8772	0.0282	1.4553	0.4010	1.8563	0.4375	0.3725	0.8100	0.0000	2,245.8493	2,245.8493	0.2662	0.0000	2,251.4394
2020	1.1824	10.9821	13.1074	0.0313	1.6706	0.4091	2.0797	0.5624	0.3787	0.9411	0.0000	2,513.0474	2,513.0474	0.2662	0.0000	2,518.6371
2021	3.3864	5.3166	13.0886	0.0350	2.0314	0.1863	2.2177	0.5452	0.1743	0.7195	0.0000	2,532.6288	2,532.6288	0.1435	0.0000	2,535.6425
2022	4.3504	1.3805	3.3252	8.8400e-003	0.4973	0.0570	0.5542	0.1330	0.0533	0.1862	0.0000	633.8594	633.8594	0.0567	0.0000	635.0502
Total	**22.0238**	**64.0752**	**93.2821**	**0.2089**	**12.8119**	**2.5391**	**15.3510**	**4.0504**	**2.3587**	**6.4091**	**0.0000**	**16,552.4331**	**16,552.4331**	**1.4949**	**0.0000**	**16,583.8267**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	1.5611	15.8757	14.8099	0.0272	1.3521	0.6454	1.9976	0.4599	0.5966	1.0565	0.0000	2,393.7988	2,393.7988	0.2977	0.0000	2,400.0495
2017	3.3562	13.1616	20.2302	0.0421	2.6493	0.5456	3.1948	0.8160	0.5073	1.3233	0.0000	3,417.9258	3,417.9258	0.2895	0.0000	3,424.0061
2018	3.4449	7.8104	15.8436	0.0363	2.0890	0.2949	2.3838	0.5604	0.2761	0.8365	0.0000	2,815.3212	2,815.3212	0.1752	0.0000	2,818.9997
2019	4.7425	9.5482	12.8772	0.0282	1.3056	0.4010	1.7066	0.3714	0.3725	0.7438	0.0000	2,245.8484	2,245.8484	0.2662	0.0000	2,251.4384
2020	1.1824	10.9821	13.1074	0.0313	1.3322	0.4091	1.7412	0.4096	0.3787	0.7883	0.0000	2,513.0465	2,513.0465	0.2662	0.0000	2,518.6362
2021	3.3864	5.3166	13.0886	0.0350	2.0314	0.1863	2.2177	0.5452	0.1743	0.7195	0.0000	2,532.6285	2,532.6285	0.1435	0.0000	2,535.6421
2022	4.3504	1.3805	3.3252	8.8400e-003	0.4973	0.0570	0.5542	0.1330	0.0533	0.1862	0.0000	633.8593	633.8593	0.0567	0.0000	635.0500
Total	**22.0238**	**64.0751**	**93.2821**	**0.2089**	**11.2568**	**2.5391**	**13.7960**	**3.2953**	**2.3587**	**5.6541**	**0.0000**	**16,552.4283**	**16,552.4283**	**1.4949**	**0.0000**	**16,583.8220**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**12.14**	**0.00**	**10.13**	**18.64**	**0.00**	**11.78**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	11.2799	0.0890	7.6973	4.1000e-004		0.0423	0.0423		0.0423	0.0423	0.0000	12.5409	12.5409	0.0123	0.0000	12.7998
Energy	0.1457	1.2932	0.8825	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	7,000.3901	7,000.3901	0.2831	0.0793	7,030.9188
Mobile	7.7509	19.5403	82.7963	0.2660	17.9326	0.3581	18.2906	4.7995	0.3304	5.1298	0.0000	18,272.1635	18,272.1635	0.6152	0.0000	18,285.0834
Waste						0.0000	0.0000		0.0000	0.0000	764.4437	0.0000	764.4437	45.1773	0.0000	1,713.1675
Water						0.0000	0.0000		0.0000	0.0000	53.6346	970.6275	1,024.2621	5.5534	0.1393	1,184.0684
Total	**19.1765**	**20.9225**	**91.3760**	**0.2743**	**17.9326**	**0.5010**	**18.4336**	**4.7995**	**0.4733**	**5.2727**	**818.0783**	**26,255.7220**	**27,073.8002**	**51.6415**	**0.2186**	**28,226.0379**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	9.9123	0.0795	6.7690	3.3000e-004		0.0368	0.0368		0.0368	0.0368	0.0000	10.6535	10.6535	9.3700e-003	0.0000	10.8503
Energy	0.1223	1.0858	0.7406	6.6700e-003		0.0845	0.0845		0.0845	0.0845	0.0000	4,127.9606	4,127.9606	0.1573	0.0499	4,146.7455
Mobile	6.9935	14.1410	64.2242	0.1793	11.8972	0.2467	12.1440	3.1842	0.2277	3.4118	0.0000	12,313.9820	12,313.9820	0.4260	0.0000	12,322.9288
Waste						0.0000	0.0000		0.0000	0.0000	764.4437	0.0000	764.4437	45.1773	0.0000	1,713.1675
Water						0.0000	0.0000		0.0000	0.0000	42.9077	823.8570	866.7647	4.4441	0.1117	994.7266
Total	**17.0281**	**15.3063**	**71.7338**	**0.1863**	**11.8972**	**0.3681**	**12.2653**	**3.1842**	**0.3490**	**3.5332**	**807.3514**	**17,276.4531**	**18,083.8045**	**50.2141**	**0.1617**	**19,188.4186**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**11.20**	**26.84**	**21.50**	**32.10**	**33.66**	**26.53**	**33.46**	**33.66**	**26.26**	**32.99**	**1.31**	**34.20**	**33.21**	**2.76**	**26.05**	**32.02**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 452,081; Residential Outdoor: 150,694; Non-Residential Indoor: 142,500; Non-Residential Outdoor: 47,500 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38

Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29

Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2048	0.0000	0.2048	0.0310	0.0000	0.0310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1844	1.9632	1.5063	1.7200e-003		0.0986	0.0986		0.0919	0.0919	0.0000	159.5187	159.5187	0.0434	0.0000	160.4296
Total	**0.1844**	**1.9632**	**1.5063**	**1.7200e-003**	**0.2048**	**0.0986**	**0.3033**	**0.0310**	**0.0919**	**0.1229**	**0.0000**	**159.5187**	**159.5187**	**0.0434**	**0.0000**	**160.4296**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0168	0.2733	0.2066	7.0000e-004	0.0162	4.1200e-003	0.0203	4.4500e-003	3.7900e-003	8.2400e-003	0.0000	63.7134	63.7134	4.6000e-004	0.0000	63.7229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	3.8100e-003	0.0396	9.0000e-005	7.0800e-003	6.0000e-005	7.1400e-003	1.8800e-003	6.0000e-005	1.9300e-003	0.0000	6.6298	6.6298	3.6000e-004	0.0000	6.6373
Total	**0.0194**	**0.2771**	**0.2462**	**7.9000e-004**	**0.0233**	**4.1800e-003**	**0.0275**	**6.3300e-003**	**3.8500e-003**	**0.0102**	**0.0000**	**70.3431**	**70.3431**	**8.2000e-004**	**0.0000**	**70.3602**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0921	0.0000	0.0921	0.0140	0.0000	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1844	1.9632	1.5063	1.7200e-003		0.0986	0.0986		0.0919	0.0919	0.0000	159.5185	159.5185	0.0434	0.0000	160.4295
Total	**0.1844**	**1.9632**	**1.5063**	**1.7200e-003**	**0.0921**	**0.0986**	**0.1907**	**0.0140**	**0.0919**	**0.1058**	**0.0000**	**159.5185**	**159.5185**	**0.0434**	**0.0000**	**160.4295**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0168	0.2733	0.2066	7.0000e-004	0.0162	4.1200e-003	0.0203	4.4500e-003	3.7900e-003	8.2400e-003	0.0000	63.7134	63.7134	4.6000e-004	0.0000	63.7229
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5900e-003	3.8100e-003	0.0396	9.0000e-005	7.0800e-003	6.0000e-005	7.1400e-003	1.8800e-003	6.0000e-005	1.9300e-003	0.0000	6.6298	6.6298	3.6000e-004	0.0000	6.6373
Total	**0.0194**	**0.2771**	**0.2462**	**7.9000e-004**	**0.0233**	**4.1800e-003**	**0.0275**	**6.3300e-003**	**3.8500e-003**	**0.0102**	**0.0000**	**70.3431**	**70.3431**	**8.2000e-004**	**0.0000**	**70.3602**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8675	0.0000	0.8675	0.4718	0.0000	0.4718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7095	8.1921	5.3806	6.7600e-003		0.3925	0.3925		0.3611	0.3611	0.0000	637.2432	637.2432	0.1922	0.0000	641.2797
Total	**0.7095**	**8.1921**	**5.3806**	**6.7600e-003**	**0.8675**	**0.3925**	**1.2600**	**0.4718**	**0.3611**	**0.8329**	**0.0000**	**637.2432**	**637.2432**	**0.1922**	**0.0000**	**641.2797**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1544	2.5065	1.8945	6.3900e-003	0.1820	0.0378	0.2198	0.0490	0.0348	0.0837	0.0000	584.2754	584.2754	4.1800e-003	0.0000	584.3632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-003	0.0129	0.1344	3.0000e-004	0.0240	2.0000e-004	0.0242	6.3800e-003	1.9000e-004	6.5700e-003	0.0000	22.5105	22.5105	1.2100e-003	0.0000	22.5359
Total	**0.1632**	**2.5194**	**2.0289**	**6.6900e-003**	**0.2061**	**0.0380**	**0.2441**	**0.0554**	**0.0350**	**0.0903**	**0.0000**	**606.7859**	**606.7859**	**5.3900e-003**	**0.0000**	**606.8991**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3904	0.0000	0.3904	0.2123	0.0000	0.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.7095	8.1921	5.3805	6.7600e-003		0.3925	0.3925		0.3611	0.3611	0.0000	637.2424	637.2424	0.1922	0.0000	641.2790
Total	**0.7095**	**8.1921**	**5.3805**	**6.7600e-003**	**0.3904**	**0.3925**	**0.7829**	**0.2123**	**0.3611**	**0.5734**	**0.0000**	**637.2424**	**637.2424**	**0.1922**	**0.0000**	**641.2790**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1544	2.5065	1.8945	6.3900e-003	0.1820	0.0378	0.2198	0.0490	0.0348	0.0837	0.0000	584.2754	584.2754	4.1800e-003	0.0000	584.3632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-003	0.0129	0.1344	3.0000e-004	0.0240	2.0000e-004	0.0242	6.3800e-003	1.9000e-004	6.5700e-003	0.0000	22.5105	22.5105	1.2100e-003	0.0000	22.5359
Total	**0.1632**	**2.5194**	**2.0289**	**6.6900e-003**	**0.2061**	**0.0380**	**0.2441**	**0.0554**	**0.0350**	**0.0903**	**0.0000**	**606.7859**	**606.7859**	**5.3900e-003**	**0.0000**	**606.8991**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8675	0.0000	0.8675	0.4718	0.0000	0.4718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1982	2.2617	1.5212	2.0100e-003		0.1078	0.1078		0.0992	0.0992	0.0000	186.1402	186.1402	0.0570	0.0000	187.3379
Total	**0.1982**	**2.2617**	**1.5212**	**2.0100e-003**	**0.8675**	**0.1078**	**0.9754**	**0.4718**	**0.0992**	**0.5710**	**0.0000**	**186.1402**	**186.1402**	**0.0570**	**0.0000**	**187.3379**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0432	0.6818	0.5421	1.9000e-003	0.1564	0.0103	0.1667	0.0397	9.4300e-003	0.0491	0.0000	170.5682	170.5682	1.2100e-003	0.0000	170.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	3.4600e-003	0.0360	9.0000e-005	7.1300e-003	6.0000e-005	7.1900e-003	1.8900e-003	5.0000e-005	1.9500e-003	0.0000	6.4247	6.4247	3.3000e-004	0.0000	6.4316
Total	**0.0455**	**0.6853**	**0.5781**	**1.9900e-003**	**0.1635**	**0.0103**	**0.1739**	**0.0416**	**9.4800e-003**	**0.0510**	**0.0000**	**176.9928**	**176.9928**	**1.5400e-003**	**0.0000**	**177.0253**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3904	0.0000	0.3904	0.2123	0.0000	0.2123	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1982	2.2617	1.5212	2.0100e-003		0.1078	0.1078		0.0992	0.0992	0.0000	186.1400	186.1400	0.0570	0.0000	187.3377
Total	**0.1982**	**2.2617**	**1.5212**	**2.0100e-003**	**0.3904**	**0.1078**	**0.4982**	**0.2123**	**0.0992**	**0.3115**	**0.0000**	**186.1400**	**186.1400**	**0.0570**	**0.0000**	**187.3377**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0432	0.6818	0.5421	1.9000e-003	0.1564	0.0103	0.1667	0.0397	9.4300e-003	0.0491	0.0000	170.5682	170.5682	1.2100e-003	0.0000	170.5937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3400e-003	3.4600e-003	0.0360	9.0000e-005	7.1300e-003	6.0000e-005	7.1900e-003	1.8900e-003	5.0000e-005	1.9500e-003	0.0000	6.4247	6.4247	3.3000e-004	0.0000	6.4316
Total	**0.0455**	**0.6853**	**0.5781**	**1.9900e-003**	**0.1635**	**0.0103**	**0.1739**	**0.0416**	**9.4800e-003**	**0.0510**	**0.0000**	**176.9928**	**176.9928**	**1.5400e-003**	**0.0000**	**177.0253**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	1.2400	0.8050	1.1700e-003		0.0856	0.0856		0.0804	0.0804	0.0000	105.3368	105.3368	0.0261	0.0000	105.8854
Total	**0.1482**	**1.2400**	**0.8050**	**1.1700e-003**		**0.0856**	**0.0856**		**0.0804**	**0.0804**	**0.0000**	**105.3368**	**105.3368**	**0.0261**	**0.0000**	**105.8854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1366	1.3903	1.7922	3.3400e-003	0.0948	0.0220	0.1167	0.0270	0.0202	0.0473	0.0000	303.5079	303.5079	2.2000e-003	0.0000	303.5541
Worker	0.1999	0.2936	3.0508	6.7000e-003	0.5455	4.6400e-003	0.5501	0.1449	4.2700e-003	0.1491	0.0000	511.0643	511.0643	0.0275	0.0000	511.6424
Total	**0.3365**	**1.6839**	**4.8430**	**0.0100**	**0.6403**	**0.0266**	**0.6669**	**0.1719**	**0.0245**	**0.1964**	**0.0000**	**814.5722**	**814.5722**	**0.0297**	**0.0000**	**815.1965**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1482	1.2400	0.8050	1.1700e-003		0.0856	0.0856		0.0804	0.0804	0.0000	105.3367	105.3367	0.0261	0.0000	105.8853
Total	**0.1482**	**1.2400**	**0.8050**	**1.1700e-003**		**0.0856**	**0.0856**		**0.0804**	**0.0804**	**0.0000**	**105.3367**	**105.3367**	**0.0261**	**0.0000**	**105.8853**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1366	1.3903	1.7922	3.3400e-003	0.0948	0.0220	0.1167	0.0270	0.0202	0.0473	0.0000	303.5079	303.5079	2.2000e-003	0.0000	303.5541
Worker	0.1999	0.2936	3.0508	6.7000e-003	0.5455	4.6400e-003	0.5501	0.1449	4.2700e-003	0.1491	0.0000	511.0643	511.0643	0.0275	0.0000	511.6424
Total	**0.3365**	**1.6839**	**4.8430**	**0.0100**	**0.6403**	**0.0266**	**0.6669**	**0.1719**	**0.0245**	**0.1964**	**0.0000**	**814.5722**	**814.5722**	**0.0297**	**0.0000**	**815.1965**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	**0.4033**	**3.4327**	**2.3568**	**3.4900e-003**		**0.2316**	**0.2316**		**0.2175**	**0.2175**	**0.0000**	**311.3228**	**311.3228**	**0.0766**	**0.0000**	**312.9319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3732	3.7785	5.0754	9.9700e-003	0.2833	0.0586	0.3419	0.0809	0.0539	0.1348	0.0000	892.3358	892.3358	6.3600e-003	0.0000	892.4694
Worker	0.5348	0.7920	8.2224	0.0200	1.6302	0.0134	1.6436	0.4330	0.0123	0.4453	0.0000	1,468.6789	1,468.6789	0.0759	0.0000	1,470.2729
Total	**0.9080**	**4.5704**	**13.2978**	**0.0300**	**1.9135**	**0.0720**	**1.9854**	**0.5138**	**0.0662**	**0.5800**	**0.0000**	**2,361.0146**	**2,361.0146**	**0.0823**	**0.0000**	**2,362.7423**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315
Total	**0.4033**	**3.4327**	**2.3568**	**3.4900e-003**		**0.2316**	**0.2316**		**0.2175**	**0.2175**	**0.0000**	**311.3225**	**311.3225**	**0.0766**	**0.0000**	**312.9315**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3732	3.7785	5.0754	9.9700e-003	0.2833	0.0586	0.3419	0.0809	0.0539	0.1348	0.0000	892.3358	892.3358	6.3600e-003	0.0000	892.4694
Worker	0.5348	0.7920	8.2224	0.0200	1.6302	0.0134	1.6436	0.4330	0.0123	0.4453	0.0000	1,468.6789	1,468.6789	0.0759	0.0000	1,470.2729
Total	**0.9080**	**4.5704**	**13.2978**	**0.0300**	**1.9135**	**0.0720**	**1.9854**	**0.5138**	**0.0662**	**0.5800**	**0.0000**	**2,361.0146**	**2,361.0146**	**0.0823**	**0.0000**	**2,362.7423**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9844**	**308.9844**	**0.0756**	**0.0000**	**310.5723**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3504	3.4794	4.8810	0.0100	0.2844	0.0554	0.3398	0.0812	0.0510	0.1322	0.0000	880.7298	880.7298	6.3500e-003	0.0000	880.8631
Worker	0.4821	0.7211	7.4737	0.0201	1.6365	0.0131	1.6496	0.4346	0.0121	0.4467	0.0000	1,419.2991	1,419.2991	0.0707	0.0000	1,420.7842
Total	**0.8325**	**4.2004**	**12.3548**	**0.0301**	**1.9209**	**0.0685**	**1.9893**	**0.5158**	**0.0631**	**0.5789**	**0.0000**	**2,300.0289**	**2,300.0289**	**0.0771**	**0.0000**	**2,301.6473**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9841**	**308.9841**	**0.0756**	**0.0000**	**310.5720**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3504	3.4794	4.8810	0.0100	0.2844	0.0554	0.3398	0.0812	0.0510	0.1322	0.0000	880.7298	880.7298	6.3500e-003	0.0000	880.8631
Worker	0.4821	0.7211	7.4737	0.0201	1.6365	0.0131	1.6496	0.4346	0.0121	0.4467	0.0000	1,419.2991	1,419.2991	0.0707	0.0000	1,420.7842
Total	**0.8325**	**4.2004**	**12.3548**	**0.0301**	**1.9209**	**0.0685**	**1.9893**	**0.5158**	**0.0631**	**0.5789**	**0.0000**	**2,300.0289**	**2,300.0289**	**0.0771**	**0.0000**	**2,301.6473**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1011	0.9015	0.7362	1.1500e-003		0.0553	0.0553		0.0520	0.0520	0.0000	100.6728	100.6728	0.0245	0.0000	101.1872
Total	**0.1011**	**0.9015**	**0.7362**	**1.1500e-003**		**0.0553**	**0.0553**		**0.0520**	**0.0520**	**0.0000**	**100.6728**	**100.6728**	**0.0245**	**0.0000**	**101.1872**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1092	1.0567	1.5537	3.2800e-003	0.0937	0.0173	0.1110	0.0268	0.0160	0.0427	0.0000	284.5598	284.5598	2.0500e-003	0.0000	284.6029
Worker	0.1459	0.2179	2.2582	6.6000e-003	0.5392	4.2200e-003	0.5435	0.1432	3.9200e-003	0.1471	0.0000	449.8642	449.8642	0.0218	0.0000	450.3222
Total	**0.2551**	**1.2746**	**3.8119**	**9.8800e-003**	**0.6329**	**0.0216**	**0.6545**	**0.1700**	**0.0199**	**0.1898**	**0.0000**	**734.4240**	**734.4240**	**0.0239**	**0.0000**	**734.9252**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1011	0.9015	0.7362	1.1500e-003		0.0553	0.0553		0.0520	0.0520	0.0000	100.6727	100.6727	0.0245	0.0000	101.1871
Total	**0.1011**	**0.9015**	**0.7362**	**1.1500e-003**		**0.0553**	**0.0553**		**0.0520**	**0.0520**	**0.0000**	**100.6727**	**100.6727**	**0.0245**	**0.0000**	**101.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1092	1.0567	1.5537	3.2800e-003	0.0937	0.0173	0.1110	0.0268	0.0160	0.0427	0.0000	284.5598	284.5598	2.0500e-003	0.0000	284.6029
Worker	0.1459	0.2179	2.2582	6.6000e-003	0.5392	4.2200e-003	0.5435	0.1432	3.9200e-003	0.1471	0.0000	449.8642	449.8642	0.0218	0.0000	450.3222
Total	**0.2551**	**1.2746**	**3.8119**	**9.8800e-003**	**0.6329**	**0.0216**	**0.6545**	**0.1700**	**0.0199**	**0.1898**	**0.0000**	**734.4240**	**734.4240**	**0.0239**	**0.0000**	**734.9252**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1860	1.9789	1.4359	2.1700e-003		0.1110	0.1110		0.1021	0.1021	0.0000	201.7608	201.7608	0.0618	0.0000	203.0590
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1860**	**1.9789**	**1.4359**	**2.1700e-003**		**0.1110**	**0.1110**		**0.1021**	**0.1021**	**0.0000**	**201.7608**	**201.7608**	**0.0618**	**0.0000**	**203.0590**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2600e-003	7.7900e-003	0.0809	2.0000e-004	0.0161	1.3000e-004	0.0162	4.2600e-003	1.2000e-004	4.3800e-003	0.0000	14.4555	14.4555	7.5000e-004	0.0000	14.4712
Total	**5.2600e-003**	**7.7900e-003**	**0.0809**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0162**	**4.2600e-003**	**1.2000e-004**	**4.3800e-003**	**0.0000**	**14.4555**	**14.4555**	**7.5000e-004**	**0.0000**	**14.4712**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1860	1.9789	1.4359	2.1700e-003		0.1110	0.1110		0.1021	0.1021	0.0000	201.7606	201.7606	0.0618	0.0000	203.0588
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1860**	**1.9789**	**1.4359**	**2.1700e-003**		**0.1110**	**0.1110**		**0.1021**	**0.1021**	**0.0000**	**201.7606**	**201.7606**	**0.0618**	**0.0000**	**203.0588**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2600e-003	7.7900e-003	0.0809	2.0000e-004	0.0161	1.3000e-004	0.0162	4.2600e-003	1.2000e-004	4.3800e-003	0.0000	14.4555	14.4555	7.5000e-004	0.0000	14.4712
Total	**5.2600e-003**	**7.7900e-003**	**0.0809**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0162**	**4.2600e-003**	**1.2000e-004**	**4.3800e-003**	**0.0000**	**14.4555**	**14.4555**	**7.5000e-004**	**0.0000**	**14.4712**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5336					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0219	0.1442	0.1233	2.0000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	16.8515	16.8515	1.7800e-003	0.0000	16.8888
Total	**1.5555**	**0.1442**	**0.1233**	**2.0000e-004**		**0.0114**	**0.0114**		**0.0114**	**0.0114**	**0.0000**	**16.8515**	**16.8515**	**1.7800e-003**	**0.0000**	**16.8888**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0806	0.8364	2.0400e-003	0.1658	1.3600e-003	0.1672	0.0440	1.2500e-003	0.0453	0.0000	149.3883	149.3883	7.7200e-003	0.0000	149.5505
Total	**0.0544**	**0.0806**	**0.8364**	**2.0400e-003**	**0.1658**	**1.3600e-003**	**0.1672**	**0.0440**	**1.2500e-003**	**0.0453**	**0.0000**	**149.3883**	**149.3883**	**7.7200e-003**	**0.0000**	**149.5505**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5336					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0219	0.1442	0.1233	2.0000e-004		0.0114	0.0114		0.0114	0.0114	0.0000	16.8515	16.8515	1.7800e-003	0.0000	16.8888
Total	**1.5555**	**0.1442**	**0.1233**	**2.0000e-004**		**0.0114**	**0.0114**		**0.0114**	**0.0114**	**0.0000**	**16.8515**	**16.8515**	**1.7800e-003**	**0.0000**	**16.8888**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0544	0.0806	0.8364	2.0400e-003	0.1658	1.3600e-003	0.1672	0.0440	1.2500e-003	0.0453	0.0000	149.3883	149.3883	7.7200e-003	0.0000	149.5505
Total	**0.0544**	**0.0806**	**0.8364**	**2.0400e-003**	**0.1658**	**1.3600e-003**	**0.1672**	**0.0440**	**1.2500e-003**	**0.0453**	**0.0000**	**149.3883**	**149.3883**	**7.7200e-003**	**0.0000**	**149.5505**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1604					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0196	0.1314	0.1215	1.9000e-004		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	16.7238	16.7238	1.5900e-003	0.0000	16.7572
Total	**2.1799**	**0.1314**	**0.1215**	**1.9000e-004**		**9.8600e-003**	**9.8600e-003**		**9.8600e-003**	**9.8600e-003**	**0.0000**	**16.7238**	**16.7238**	**1.5900e-003**	**0.0000**	**16.7572**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0485	0.0725	0.7516	2.0200e-003	0.1646	1.3100e-003	0.1659	0.0437	1.2100e-003	0.0449	0.0000	142.7230	142.7230	7.1100e-003	0.0000	142.8723
Total	**0.0485**	**0.0725**	**0.7516**	**2.0200e-003**	**0.1646**	**1.3100e-003**	**0.1659**	**0.0437**	**1.2100e-003**	**0.0449**	**0.0000**	**142.7230**	**142.7230**	**7.1100e-003**	**0.0000**	**142.8723**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1604					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0196	0.1314	0.1215	1.9000e-004		9.8600e-003	9.8600e-003		9.8600e-003	9.8600e-003	0.0000	16.7238	16.7238	1.5900e-003	0.0000	16.7572
Total	**2.1799**	**0.1314**	**0.1215**	**1.9000e-004**		**9.8600e-003**	**9.8600e-003**		**9.8600e-003**	**9.8600e-003**	**0.0000**	**16.7238**	**16.7238**	**1.5900e-003**	**0.0000**	**16.7572**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0485	0.0725	0.7516	2.0200e-003	0.1646	1.3100e-003	0.1659	0.0437	1.2100e-003	0.0449	0.0000	142.7230	142.7230	7.1100e-003	0.0000	142.8723
Total	**0.0485**	**0.0725**	**0.7516**	**2.0200e-003**	**0.1646**	**1.3100e-003**	**0.1659**	**0.0437**	**1.2100e-003**	**0.0449**	**0.0000**	**142.7230**	**142.7230**	**7.1100e-003**	**0.0000**	**142.8723**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.5951					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0290	0.2001	0.2007	3.2000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	27.8305	27.8305	2.3500e-003	0.0000	27.8798
Total	**3.6241**	**0.2001**	**0.2007**	**3.2000e-004**		**0.0140**	**0.0140**		**0.0140**	**0.0140**	**0.0000**	**27.8305**	**27.8305**	**2.3500e-003**	**0.0000**	**27.8798**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.1107	1.1469	3.3500e-003	0.2739	2.1500e-003	0.2760	0.0727	1.9900e-003	0.0747	0.0000	228.4697	228.4697	0.0111	0.0000	228.7024
Total	**0.0741**	**0.1107**	**1.1469**	**3.3500e-003**	**0.2739**	**2.1500e-003**	**0.2760**	**0.0727**	**1.9900e-003**	**0.0747**	**0.0000**	**228.4697**	**228.4697**	**0.0111**	**0.0000**	**228.7024**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.5951					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0290	0.2001	0.2007	3.2000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	27.8304	27.8304	2.3500e-003	0.0000	27.8798
Total	**3.6241**	**0.2001**	**0.2007**	**3.2000e-004**		**0.0140**	**0.0140**		**0.0140**	**0.0140**	**0.0000**	**27.8304**	**27.8304**	**2.3500e-003**	**0.0000**	**27.8798**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0741	0.1107	1.1469	3.3500e-003	0.2739	2.1500e-003	0.2760	0.0727	1.9900e-003	0.0747	0.0000	228.4697	228.4697	0.0111	0.0000	228.7024
Total	**0.0741**	**0.1107**	**1.1469**	**3.3500e-003**	**0.2739**	**2.1500e-003**	**0.2760**	**0.0727**	**1.9900e-003**	**0.0747**	**0.0000**	**228.4697**	**228.4697**	**0.0111**	**0.0000**	**228.7024**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0347	0.3690	0.3116	4.8000e-004		0.0202	0.0202		0.0186	0.0186	0.0000	43.7928	43.7928	0.0136	0.0000	44.0791
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0347**	**0.3690**	**0.3116**	**4.8000e-004**		**0.0202**	**0.0202**		**0.0186**	**0.0186**	**0.0000**	**43.7928**	**43.7928**	**0.0136**	**0.0000**	**44.0791**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	1.5600e-003	0.0162	4.0000e-005	3.5400e-003	3.0000e-005	3.5700e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.0687	3.0687	1.5000e-004	0.0000	3.0719
Total	**1.0400e-003**	**1.5600e-003**	**0.0162**	**4.0000e-005**	**3.5400e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.0687**	**3.0687**	**1.5000e-004**	**0.0000**	**3.0719**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0347	0.3690	0.3116	4.8000e-004		0.0202	0.0202		0.0186	0.0186	0.0000	43.7927	43.7927	0.0136	0.0000	44.0790
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0347**	**0.3690**	**0.3116**	**4.8000e-004**		**0.0202**	**0.0202**		**0.0186**	**0.0186**	**0.0000**	**43.7927**	**43.7927**	**0.0136**	**0.0000**	**44.0790**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0400e-003	1.5600e-003	0.0162	4.0000e-005	3.5400e-003	3.0000e-005	3.5700e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.0687	3.0687	1.5000e-004	0.0000	3.0719
Total	**1.0400e-003**	**1.5600e-003**	**0.0162**	**4.0000e-005**	**3.5400e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.0687**	**3.0687**	**1.5000e-004**	**0.0000**	**3.0719**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1704	1.7848	1.7166	2.6700e-003		0.0967	0.0967		0.0890	0.0890	0.0000	239.4716	239.4716	0.0758	0.0000	241.0627
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1704**	**1.7848**	**1.7166**	**2.6700e-003**		**0.0967**	**0.0967**		**0.0890**	**0.0890**	**0.0000**	**239.4716**	**239.4716**	**0.0758**	**0.0000**	**241.0627**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	7.9500e-003	0.0824	2.4000e-004	0.0197	1.5000e-004	0.0198	5.2200e-003	1.4000e-004	5.3700e-003	0.0000	16.4069	16.4069	8.0000e-004	0.0000	16.4236
Total	**5.3200e-003**	**7.9500e-003**	**0.0824**	**2.4000e-004**	**0.0197**	**1.5000e-004**	**0.0198**	**5.2200e-003**	**1.4000e-004**	**5.3700e-003**	**0.0000**	**16.4069**	**16.4069**	**8.0000e-004**	**0.0000**	**16.4236**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1704	1.7848	1.7166	2.6700e-003		0.0967	0.0967		0.0890	0.0890	0.0000	239.4714	239.4714	0.0758	0.0000	241.0624
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1704**	**1.7848**	**1.7166**	**2.6700e-003**		**0.0967**	**0.0967**		**0.0890**	**0.0890**	**0.0000**	**239.4714**	**239.4714**	**0.0758**	**0.0000**	**241.0624**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	7.9500e-003	0.0824	2.4000e-004	0.0197	1.5000e-004	0.0198	5.2200e-003	1.4000e-004	5.3700e-003	0.0000	16.4069	16.4069	8.0000e-004	0.0000	16.4236
Total	**5.3200e-003**	**7.9500e-003**	**0.0824**	**2.4000e-004**	**0.0197**	**1.5000e-004**	**0.0198**	**5.2200e-003**	**1.4000e-004**	**5.3700e-003**	**0.0000**	**16.4069**	**16.4069**	**8.0000e-004**	**0.0000**	**16.4236**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0679	0.0000	0.0679	0.0103	0.0000	0.0103	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1827	1.8668	1.6943	2.2000e-003		0.0905	0.0905		0.0842	0.0842	0.0000	196.0497	196.0497	0.0548	0.0000	197.1995
Total	**0.1827**	**1.8668**	**1.6943**	**2.2000e-003**	**0.0679**	**0.0905**	**0.1584**	**0.0103**	**0.0842**	**0.0945**	**0.0000**	**196.0497**	**196.0497**	**0.0548**	**0.0000**	**197.1995**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9900e-003	0.0721	0.0636	2.3000e-004	5.3900e-003	1.2500e-003	6.6300e-003	1.4800e-003	1.1500e-003	2.6300e-003	0.0000	20.0584	20.0584	1.5000e-004	0.0000	20.0615
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4500e-003	3.6600e-003	0.0379	1.1000e-004	9.0500e-003	7.0000e-005	9.1200e-003	2.4000e-003	7.0000e-005	2.4700e-003	0.0000	7.5513	7.5513	3.7000e-004	0.0000	7.5590
Total	**7.4400e-003**	**0.0757**	**0.1015**	**3.4000e-004**	**0.0144**	**1.3200e-003**	**0.0158**	**3.8800e-003**	**1.2200e-003**	**5.1000e-003**	**0.0000**	**27.6097**	**27.6097**	**5.2000e-004**	**0.0000**	**27.6205**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0306	0.0000	0.0306	4.6300e-003	0.0000	4.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1827	1.8668	1.6943	2.2000e-003		0.0905	0.0905		0.0842	0.0842	0.0000	196.0495	196.0495	0.0548	0.0000	197.1993
Total	**0.1827**	**1.8668**	**1.6943**	**2.2000e-003**	**0.0306**	**0.0905**	**0.1210**	**4.6300e-003**	**0.0842**	**0.0889**	**0.0000**	**196.0495**	**196.0495**	**0.0548**	**0.0000**	**197.1993**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9900e-003	0.0721	0.0636	2.3000e-004	5.3900e-003	1.2500e-003	6.6300e-003	1.4800e-003	1.1500e-003	2.6300e-003	0.0000	20.0584	20.0584	1.5000e-004	0.0000	20.0615
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4500e-003	3.6600e-003	0.0379	1.1000e-004	9.0500e-003	7.0000e-005	9.1200e-003	2.4000e-003	7.0000e-005	2.4700e-003	0.0000	7.5513	7.5513	3.7000e-004	0.0000	7.5590
Total	**7.4400e-003**	**0.0757**	**0.1015**	**3.4000e-004**	**0.0144**	**1.3200e-003**	**0.0158**	**3.8800e-003**	**1.2200e-003**	**5.1000e-003**	**0.0000**	**27.6097**	**27.6097**	**5.2000e-004**	**0.0000**	**27.6205**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2042	0.0000	0.2042	0.1100	0.0000	0.1100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1614	1.7885	1.3295	2.0400e-003		0.0827	0.0827		0.0761	0.0761	0.0000	182.9549	182.9549	0.0579	0.0000	184.1705
Total	**0.1614**	**1.7885**	**1.3295**	**2.0400e-003**	**0.2042**	**0.0827**	**0.2869**	**0.1100**	**0.0761**	**0.1861**	**0.0000**	**182.9549**	**182.9549**	**0.0579**	**0.0000**	**184.1705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0677	0.9781	0.8635	3.1200e-003	0.0731	0.0169	0.0900	0.0201	0.0156	0.0356	0.0000	272.2891	272.2891	2.0200e-003	0.0000	272.3316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9600e-003	2.9300e-003	0.0303	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.0410	6.0410	2.9000e-004	0.0000	6.0472
Total	**0.0697**	**0.9810**	**0.8938**	**3.2100e-003**	**0.0803**	**0.0170**	**0.0973**	**0.0220**	**0.0156**	**0.0376**	**0.0000**	**278.3302**	**278.3302**	**2.3100e-003**	**0.0000**	**278.3788**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0919	0.0000	0.0919	0.0495	0.0000	0.0495	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1614	1.7885	1.3295	2.0400e-003		0.0827	0.0827		0.0761	0.0761	0.0000	182.9547	182.9547	0.0579	0.0000	184.1703
Total	**0.1614**	**1.7885**	**1.3295**	**2.0400e-003**	**0.0919**	**0.0827**	**0.1746**	**0.0495**	**0.0761**	**0.1256**	**0.0000**	**182.9547**	**182.9547**	**0.0579**	**0.0000**	**184.1703**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0677	0.9781	0.8635	3.1200e-003	0.0731	0.0169	0.0900	0.0201	0.0156	0.0356	0.0000	272.2891	272.2891	2.0200e-003	0.0000	272.3316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9600e-003	2.9300e-003	0.0303	9.0000e-005	7.2400e-003	6.0000e-005	7.3000e-003	1.9200e-003	5.0000e-005	1.9800e-003	0.0000	6.0410	6.0410	2.9000e-004	0.0000	6.0472
Total	**0.0697**	**0.9810**	**0.8938**	**3.2100e-003**	**0.0803**	**0.0170**	**0.0973**	**0.0220**	**0.0156**	**0.0376**	**0.0000**	**278.3302**	**278.3302**	**2.3100e-003**	**0.0000**	**278.3788**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0259	0.2306	0.1883	2.9000e-004		0.0141	0.0141		0.0133	0.0133	0.0000	25.7535	25.7535	6.2700e-003	0.0000	25.8851
Total	**0.0259**	**0.2306**	**0.1883**	**2.9000e-004**		**0.0141**	**0.0141**		**0.0133**	**0.0133**	**0.0000**	**25.7535**	**25.7535**	**6.2700e-003**	**0.0000**	**25.8851**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	0.2703	0.3975	8.4000e-004	0.0240	4.4300e-003	0.0284	6.8400e-003	4.0800e-003	0.0109	0.0000	72.7944	72.7944	5.2000e-004	0.0000	72.8054
Worker	0.0373	0.0557	0.5777	1.6900e-003	0.1379	1.0800e-003	0.1390	0.0366	1.0000e-003	0.0376	0.0000	115.0815	115.0815	5.5800e-003	0.0000	115.1987
Total	**0.0652**	**0.3261**	**0.9751**	**2.5300e-003**	**0.1619**	**5.5100e-003**	**0.1674**	**0.0435**	**5.0800e-003**	**0.0486**	**0.0000**	**187.8759**	**187.8759**	**6.1000e-003**	**0.0000**	**188.0041**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0259	0.2306	0.1883	2.9000e-004		0.0141	0.0141		0.0133	0.0133	0.0000	25.7535	25.7535	6.2700e-003	0.0000	25.8851
Total	**0.0259**	**0.2306**	**0.1883**	**2.9000e-004**		**0.0141**	**0.0141**		**0.0133**	**0.0133**	**0.0000**	**25.7535**	**25.7535**	**6.2700e-003**	**0.0000**	**25.8851**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0279	0.2703	0.3975	8.4000e-004	0.0240	4.4300e-003	0.0284	6.8400e-003	4.0800e-003	0.0109	0.0000	72.7944	72.7944	5.2000e-004	0.0000	72.8054
Worker	0.0373	0.0557	0.5777	1.6900e-003	0.1379	1.0800e-003	0.1390	0.0366	1.0000e-003	0.0376	0.0000	115.0815	115.0815	5.5800e-003	0.0000	115.1987
Total	**0.0652**	**0.3261**	**0.9751**	**2.5300e-003**	**0.1619**	**5.5100e-003**	**0.1674**	**0.0435**	**5.0800e-003**	**0.0486**	**0.0000**	**187.8759**	**187.8759**	**6.1000e-003**	**0.0000**	**188.0041**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0686	0.6202	0.5463	8.7000e-004		0.0362	0.0362		0.0340	0.0340	0.0000	74.9612	74.9612	0.0183	0.0000	75.3447
Total	**0.0686**	**0.6202**	**0.5463**	**8.7000e-004**		**0.0362**	**0.0362**		**0.0340**	**0.0340**	**0.0000**	**74.9612**	**74.9612**	**0.0183**	**0.0000**	**75.3447**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0782	0.6967	1.1387	2.4800e-003	0.0708	0.0120	0.0828	0.0202	0.0110	0.0313	0.0000	210.2300	210.2300	1.5200e-003	0.0000	210.2618
Worker	0.1033	0.1526	1.5882	4.9900e-003	0.4076	3.1700e-003	0.4107	0.1082	2.9400e-003	0.1112	0.0000	326.2020	326.2020	0.0156	0.0000	326.5299
Total	**0.1815**	**0.8493**	**2.7269**	**7.4700e-003**	**0.4784**	**0.0152**	**0.4936**	**0.1285**	**0.0140**	**0.1424**	**0.0000**	**536.4320**	**536.4320**	**0.0171**	**0.0000**	**536.7918**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0686	0.6202	0.5463	8.7000e-004		0.0362	0.0362		0.0340	0.0340	0.0000	74.9611	74.9611	0.0183	0.0000	75.3447
Total	**0.0686**	**0.6202**	**0.5463**	**8.7000e-004**		**0.0362**	**0.0362**		**0.0340**	**0.0340**	**0.0000**	**74.9611**	**74.9611**	**0.0183**	**0.0000**	**75.3447**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0782	0.6967	1.1387	2.4800e-003	0.0708	0.0120	0.0828	0.0202	0.0110	0.0313	0.0000	210.2300	210.2300	1.5200e-003	0.0000	210.2618
Worker	0.1033	0.1526	1.5882	4.9900e-003	0.4076	3.1700e-003	0.4107	0.1082	2.9400e-003	0.1112	0.0000	326.2020	326.2020	0.0156	0.0000	326.5299
Total	**0.1815**	**0.8493**	**2.7269**	**7.4700e-003**	**0.4784**	**0.0152**	**0.4936**	**0.1285**	**0.0140**	**0.1424**	**0.0000**	**536.4320**	**536.4320**	**0.0171**	**0.0000**	**536.7918**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1393	0.0000	0.1393	0.0211	0.0000	0.0211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2013	2.0160	1.9247	2.6000e-003		0.0968	0.0968		0.0901	0.0901	0.0000	227.4441	227.4441	0.0645	0.0000	228.7980
Total	**0.2013**	**2.0160**	**1.9247**	**2.6000e-003**	**0.1393**	**0.0968**	**0.2361**	**0.0211**	**0.0901**	**0.1112**	**0.0000**	**227.4441**	**227.4441**	**0.0645**	**0.0000**	**228.7980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.1317	0.1287	4.7000e-004	0.0110	2.5300e-003	0.0136	3.0300e-003	2.3300e-003	5.3600e-003	0.0000	40.1810	40.1810	3.1000e-004	0.0000	40.1874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	4.0100e-003	0.0417	1.3000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	8.5617	8.5617	4.1000e-004	0.0000	8.5703
Total	**0.0127**	**0.1357**	**0.1703**	**6.0000e-004**	**0.0217**	**2.6100e-003**	**0.0244**	**5.8700e-003**	**2.4100e-003**	**8.2800e-003**	**0.0000**	**48.7427**	**48.7427**	**7.2000e-004**	**0.0000**	**48.7577**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0627	0.0000	0.0627	9.4900e-003	0.0000	9.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2013	2.0160	1.9246	2.6000e-003		0.0968	0.0968		0.0901	0.0901	0.0000	227.4439	227.4439	0.0645	0.0000	228.7977
Total	**0.2013**	**2.0160**	**1.9246**	**2.6000e-003**	**0.0627**	**0.0968**	**0.1595**	**9.4900e-003**	**0.0901**	**0.0996**	**0.0000**	**227.4439**	**227.4439**	**0.0645**	**0.0000**	**228.7977**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0100	0.1317	0.1287	4.7000e-004	0.0110	2.5300e-003	0.0136	3.0300e-003	2.3300e-003	5.3600e-003	0.0000	40.1810	40.1810	3.1000e-004	0.0000	40.1874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	4.0100e-003	0.0417	1.3000e-004	0.0107	8.0000e-005	0.0108	2.8400e-003	8.0000e-005	2.9200e-003	0.0000	8.5617	8.5617	4.1000e-004	0.0000	8.5703
Total	**0.0127**	**0.1357**	**0.1703**	**6.0000e-004**	**0.0217**	**2.6100e-003**	**0.0244**	**5.8700e-003**	**2.4100e-003**	**8.2800e-003**	**0.0000**	**48.7427**	**48.7427**	**7.2000e-004**	**0.0000**	**48.7577**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4761	0.0000	0.4761	0.2567	0.0000	0.2567	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3504	3.8026	2.9588	4.7500e-003		0.1742	0.1742		0.1602	0.1602	0.0000	417.5622	417.5622	0.1351	0.0000	420.3983
Total	**0.3504**	**3.8026**	**2.9588**	**4.7500e-003**	**0.4761**	**0.1742**	**0.6502**	**0.2567**	**0.1602**	**0.4170**	**0.0000**	**417.5622**	**417.5622**	**0.1351**	**0.0000**	**420.3983**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1944	2.5572	2.4990	9.1500e-003	0.2144	0.0492	0.2636	0.0588	0.0453	0.1041	0.0000	780.5158	780.5158	5.9400e-003	0.0000	780.6405
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2800e-003	6.3300e-003	0.0658	2.1000e-004	0.0169	1.3000e-004	0.0170	4.4900e-003	1.2000e-004	4.6100e-003	0.0000	13.5232	13.5232	6.5000e-004	0.0000	13.5367
Total	**0.1987**	**2.5636**	**2.5648**	**9.3600e-003**	**0.2313**	**0.0494**	**0.2807**	**0.0633**	**0.0454**	**0.1087**	**0.0000**	**794.0390**	**794.0390**	**6.5900e-003**	**0.0000**	**794.1773**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2142	0.0000	0.2142	0.1155	0.0000	0.1155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3504	3.8026	2.9588	4.7500e-003		0.1742	0.1742		0.1602	0.1602	0.0000	417.5617	417.5617	0.1351	0.0000	420.3978
Total	**0.3504**	**3.8026**	**2.9588**	**4.7500e-003**	**0.2142**	**0.1742**	**0.3884**	**0.1155**	**0.1602**	**0.2758**	**0.0000**	**417.5617**	**417.5617**	**0.1351**	**0.0000**	**420.3978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1944	2.5572	2.4990	9.1500e-003	0.2144	0.0492	0.2636	0.0588	0.0453	0.1041	0.0000	780.5158	780.5158	5.9400e-003	0.0000	780.6405
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2800e-003	6.3300e-003	0.0658	2.1000e-004	0.0169	1.3000e-004	0.0170	4.4900e-003	1.2000e-004	4.6100e-003	0.0000	13.5232	13.5232	6.5000e-004	0.0000	13.5367
Total	**0.1987**	**2.5636**	**2.5648**	**9.3600e-003**	**0.2313**	**0.0494**	**0.2807**	**0.0633**	**0.0454**	**0.1087**	**0.0000**	**794.0390**	**794.0390**	**6.5900e-003**	**0.0000**	**794.1773**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4199	0.3698	5.9000e-004		0.0245	0.0245		0.0230	0.0230	0.0000	50.7430	50.7430	0.0124	0.0000	51.0026
Total	**0.0465**	**0.4199**	**0.3698**	**5.9000e-004**		**0.0245**	**0.0245**		**0.0230**	**0.0230**	**0.0000**	**50.7430**	**50.7430**	**0.0124**	**0.0000**	**51.0026**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0530	0.4716	0.7708	1.6800e-003	0.0479	8.1200e-003	0.0561	0.0137	7.4700e-003	0.0212	0.0000	142.3095	142.3095	1.0300e-003	0.0000	142.3311
Worker	0.0699	0.1033	1.0751	3.3800e-003	0.2759	2.1500e-003	0.2780	0.0733	1.9900e-003	0.0753	0.0000	220.8137	220.8137	0.0106	0.0000	221.0356
Total	**0.1229**	**0.5749**	**1.8459**	**5.0600e-003**	**0.3238**	**0.0103**	**0.3341**	**0.0870**	**9.4600e-003**	**0.0964**	**0.0000**	**363.1232**	**363.1232**	**0.0116**	**0.0000**	**363.3667**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4199	0.3698	5.9000e-004		0.0245	0.0245		0.0230	0.0230	0.0000	50.7429	50.7429	0.0124	0.0000	51.0025
Total	**0.0465**	**0.4199**	**0.3698**	**5.9000e-004**		**0.0245**	**0.0245**		**0.0230**	**0.0230**	**0.0000**	**50.7429**	**50.7429**	**0.0124**	**0.0000**	**51.0025**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0530	0.4716	0.7708	1.6800e-003	0.0479	8.1200e-003	0.0561	0.0137	7.4700e-003	0.0212	0.0000	142.3095	142.3095	1.0300e-003	0.0000	142.3311
Worker	0.0699	0.1033	1.0751	3.3800e-003	0.2759	2.1500e-003	0.2780	0.0733	1.9900e-003	0.0753	0.0000	220.8137	220.8137	0.0106	0.0000	221.0356
Total	**0.1229**	**0.5749**	**1.8459**	**5.0600e-003**	**0.3238**	**0.0103**	**0.3341**	**0.0870**	**9.4600e-003**	**0.0964**	**0.0000**	**363.1232**	**363.1232**	**0.0116**	**0.0000**	**363.3667**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	**0.2471**	**2.2629**	**2.1582**	**3.5000e-003**		**0.1246**	**0.1246**		**0.1172**	**0.1172**	**0.0000**	**301.0339**	**301.0339**	**0.0725**	**0.0000**	**302.5568**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3030	2.3748	4.4564	9.9400e-003	0.2844	0.0439	0.3283	0.0812	0.0404	0.1216	0.0000	843.7771	843.7771	6.1500e-003	0.0000	843.9061
Worker	0.3922	0.5730	5.9895	0.0201	1.6365	0.0128	1.6493	0.4346	0.0118	0.4464	0.0000	1,289.4781	1,289.4781	0.0600	0.0000	1,290.7384
Total	**0.6952**	**2.9478**	**10.4459**	**0.0300**	**1.9209**	**0.0566**	**1.9775**	**0.5158**	**0.0522**	**0.5680**	**0.0000**	**2,133.2552**	**2,133.2552**	**0.0662**	**0.0000**	**2,134.6445**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0335	301.0335	0.0725	0.0000	302.5565
Total	**0.2471**	**2.2629**	**2.1582**	**3.5000e-003**		**0.1246**	**0.1246**		**0.1172**	**0.1172**	**0.0000**	**301.0335**	**301.0335**	**0.0725**	**0.0000**	**302.5565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3030	2.3748	4.4564	9.9400e-003	0.2844	0.0439	0.3283	0.0812	0.0404	0.1216	0.0000	843.7771	843.7771	6.1500e-003	0.0000	843.9061
Worker	0.3922	0.5730	5.9895	0.0201	1.6365	0.0128	1.6493	0.4346	0.0118	0.4464	0.0000	1,289.4781	1,289.4781	0.0600	0.0000	1,290.7384
Total	**0.6952**	**2.9478**	**10.4459**	**0.0300**	**1.9209**	**0.0566**	**1.9775**	**0.5158**	**0.0522**	**0.5680**	**0.0000**	**2,133.2552**	**2,133.2552**	**0.0662**	**0.0000**	**2,134.6445**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0348	0.3185	0.3347	5.5000e-004		0.0165	0.0165		0.0155	0.0155	0.0000	47.3068	47.3068	0.0113	0.0000	47.5445
Total	**0.0348**	**0.3185**	**0.3347**	**5.5000e-004**		**0.0165**	**0.0165**		**0.0155**	**0.0155**	**0.0000**	**47.3068**	**47.3068**	**0.0113**	**0.0000**	**47.5445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	0.3386	0.6830	1.5600e-003	0.0447	6.8200e-003	0.0515	0.0128	6.2700e-003	0.0190	0.0000	132.4287	132.4287	9.9000e-004	0.0000	132.4494
Worker	0.0583	0.0844	0.8846	3.1500e-003	0.2571	2.0000e-003	0.2591	0.0683	1.8600e-003	0.0701	0.0000	199.1965	199.1965	9.0300e-003	0.0000	199.3861
Total	**0.1048**	**0.4230**	**1.5676**	**4.7100e-003**	**0.3018**	**8.8200e-003**	**0.3106**	**0.0810**	**8.1300e-003**	**0.0892**	**0.0000**	**331.6252**	**331.6252**	**0.0100**	**0.0000**	**331.8355**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0348	0.3185	0.3347	5.5000e-004		0.0165	0.0165		0.0155	0.0155	0.0000	47.3068	47.3068	0.0113	0.0000	47.5444
Total	**0.0348**	**0.3185**	**0.3347**	**5.5000e-004**		**0.0165**	**0.0165**		**0.0155**	**0.0155**	**0.0000**	**47.3068**	**47.3068**	**0.0113**	**0.0000**	**47.5444**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0465	0.3386	0.6830	1.5600e-003	0.0447	6.8200e-003	0.0515	0.0128	6.2700e-003	0.0190	0.0000	132.4287	132.4287	9.9000e-004	0.0000	132.4494
Worker	0.0583	0.0844	0.8846	3.1500e-003	0.2571	2.0000e-003	0.2591	0.0683	1.8600e-003	0.0701	0.0000	199.1965	199.1965	9.0300e-003	0.0000	199.3861
Total	**0.1048**	**0.4230**	**1.5676**	**4.7100e-003**	**0.3018**	**8.8200e-003**	**0.3106**	**0.0810**	**8.1300e-003**	**0.0892**	**0.0000**	**331.6252**	**331.6252**	**0.0100**	**0.0000**	**331.8355**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4080					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6300e-003	0.0672	0.0800	1.3000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	11.2343	11.2343	7.7000e-004	0.0000	11.2505
Total	**2.4176**	**0.0672**	**0.0800**	**1.3000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**11.2343**	**11.2343**	**7.7000e-004**	**0.0000**	**11.2505**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0387	0.4046	1.3600e-003	0.1106	8.6000e-004	0.1114	0.0294	8.0000e-004	0.0302	0.0000	87.1055	87.1055	4.0500e-003	0.0000	87.1906
Total	**0.0265**	**0.0387**	**0.4046**	**1.3600e-003**	**0.1106**	**8.6000e-004**	**0.1114**	**0.0294**	**8.0000e-004**	**0.0302**	**0.0000**	**87.1055**	**87.1055**	**4.0500e-003**	**0.0000**	**87.1906**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.4080					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.6300e-003	0.0672	0.0800	1.3000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	11.2343	11.2343	7.7000e-004	0.0000	11.2505
Total	**2.4176**	**0.0672**	**0.0800**	**1.3000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**11.2343**	**11.2343**	**7.7000e-004**	**0.0000**	**11.2505**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0387	0.4046	1.3600e-003	0.1106	8.6000e-004	0.1114	0.0294	8.0000e-004	0.0302	0.0000	87.1055	87.1055	4.0500e-003	0.0000	87.1906
Total	**0.0265**	**0.0387**	**0.4046**	**1.3600e-003**	**0.1106**	**8.6000e-004**	**0.1114**	**0.0294**	**8.0000e-004**	**0.0302**	**0.0000**	**87.1055**	**87.1055**	**4.0500e-003**	**0.0000**	**87.1906**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1046					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.1056	0.1360	2.2000e-004		6.1300e-003	6.1300e-003		6.1300e-003	6.1300e-003	0.0000	19.1494	19.1494	1.2500e-003	0.0000	19.1756
Total	**4.1199**	**0.1056**	**0.1360**	**2.2000e-004**		**6.1300e-003**	**6.1300e-003**		**6.1300e-003**	**6.1300e-003**	**0.0000**	**19.1494**	**19.1494**	**1.2500e-003**	**0.0000**	**19.1756**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0427	0.0619	0.6484	2.3100e-003	0.1884	1.4700e-003	0.1899	0.0500	1.3600e-003	0.0514	0.0000	146.0086	146.0086	6.6200e-003	0.0000	146.1475
Total	**0.0427**	**0.0619**	**0.6484**	**2.3100e-003**	**0.1884**	**1.4700e-003**	**0.1899**	**0.0500**	**1.3600e-003**	**0.0514**	**0.0000**	**146.0086**	**146.0086**	**6.6200e-003**	**0.0000**	**146.1475**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1046					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0153	0.1056	0.1360	2.2000e-004		6.1300e-003	6.1300e-003		6.1300e-003	6.1300e-003	0.0000	19.1494	19.1494	1.2500e-003	0.0000	19.1756
Total	**4.1199**	**0.1056**	**0.1360**	**2.2000e-004**		**6.1300e-003**	**6.1300e-003**		**6.1300e-003**	**6.1300e-003**	**0.0000**	**19.1494**	**19.1494**	**1.2500e-003**	**0.0000**	**19.1756**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0427	0.0619	0.6484	2.3100e-003	0.1884	1.4700e-003	0.1899	0.0500	1.3600e-003	0.0514	0.0000	146.0086	146.0086	6.6200e-003	0.0000	146.1475
Total	**0.0427**	**0.0619**	**0.6484**	**2.3100e-003**	**0.1884**	**1.4700e-003**	**0.1899**	**0.0500**	**1.3600e-003**	**0.0514**	**0.0000**	**146.0086**	**146.0086**	**6.6200e-003**	**0.0000**	**146.1475**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4692	0.6141	9.6000e-004		0.0240	0.0240		0.0221	0.0221	0.0000	84.2861	84.2861	0.0273	0.0000	84.8586
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0465**	**0.4692**	**0.6141**	**9.6000e-004**		**0.0240**	**0.0240**		**0.0221**	**0.0221**	**0.0000**	**84.2861**	**84.2861**	**0.0273**	**0.0000**	**84.8586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	2.3200e-003	0.0244	9.0000e-005	7.0800e-003	6.0000e-005	7.1300e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	5.4833	5.4833	2.5000e-004	0.0000	5.4885
Total	**1.6100e-003**	**2.3200e-003**	**0.0244**	**9.0000e-005**	**7.0800e-003**	**6.0000e-005**	**7.1300e-003**	**1.8800e-003**	**5.0000e-005**	**1.9300e-003**	**0.0000**	**5.4833**	**5.4833**	**2.5000e-004**	**0.0000**	**5.4885**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4692	0.6141	9.6000e-004		0.0240	0.0240		0.0221	0.0221	0.0000	84.2860	84.2860	0.0273	0.0000	84.8585
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0465**	**0.4692**	**0.6141**	**9.6000e-004**		**0.0240**	**0.0240**		**0.0221**	**0.0221**	**0.0000**	**84.2860**	**84.2860**	**0.0273**	**0.0000**	**84.8585**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	2.3200e-003	0.0244	9.0000e-005	7.0800e-003	6.0000e-005	7.1300e-003	1.8800e-003	5.0000e-005	1.9300e-003	0.0000	5.4833	5.4833	2.5000e-004	0.0000	5.4885
Total	**1.6100e-003**	**2.3200e-003**	**0.0244**	**9.0000e-005**	**7.0800e-003**	**6.0000e-005**	**7.1300e-003**	**1.8800e-003**	**5.0000e-005**	**1.9300e-003**	**0.0000**	**5.4833**	**5.4833**	**2.5000e-004**	**0.0000**	**5.4885**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.9935	14.1410	64.2242	0.1793	11.8972	0.2467	12.1440	3.1842	0.2277	3.4118	0.0000	12,313.9820	12,313.9820	0.4260	0.0000	12,322.9288
Unmitigated	7.7509	19.5403	82.7963	0.2660	17.9326	0.3581	18.2906	4.7995	0.3304	5.1298	0.0000	18,272.1635	18,272.1635	0.6152	0.0000	18,285.0834

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,117.20	1,360.40	1153.30	3,953,986	2,737,393
Condo/Townhouse High Rise	3,239.88	3,945.16	3344.57	11,466,561	7,938,439
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	5,820.08	0.00	0.00	12,837,976	8,280,614
High Turnover (Sit Down Restaurant)	966.34	1,203.61	1001.98	1,370,092	903,191
Hotel	1,552.30	1,556.10	1130.50	3,561,565	2,342,143
Library	3,357.03	4,068.47	2227.83	8,324,778	5,372,919
Regional Shopping Center	3,076.18	1,519.09	767.30	5,458,791	3,592,075
Total	19,239.96	13,763.78	9,736.43	47,293,012	31,376,223

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,917.2237	2,917.2237	0.1341	0.0277	2,928.6403
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,558.3571	5,558.3571	0.2555	0.0529	5,580.1098
NaturalGas Mitigated	0.1223	1.0858	0.7406	6.6700e-003		0.0845	0.0845		0.0845	0.0845	0.0000	1,210.7369	1,210.7369	0.0232	0.0222	1,218.1053
NaturalGas Unmitigated	0.1457	1.2932	0.8825	7.9500e-003		0.1007	0.1007		0.1007	0.1007	0.0000	1,442.0330	1,442.0330	0.0276	0.0264	1,450.8090

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.73715e+006	0.0148	0.1261	0.0537	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.0645	146.0645	2.8000e-003	2.6800e-003	146.9534
Condo/Townhouse High Rise	7.93772e+006	0.0428	0.3658	0.1556	2.3300e-003		0.0296	0.0296		0.0296	0.0296	0.0000	423.5871	423.5871	8.1200e-003	7.7700e-003	426.1650
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	5.97874e+006	0.0322	0.2931	0.2462	1.7600e-003		0.0223	0.0223		0.0223	0.0223	0.0000	319.0485	319.0485	6.1200e-003	5.8500e-003	320.9902
High Turnover (Sit Down Restaurant)	1.77088e+006	9.5500e-003	0.0868	0.0729	5.2000e-004		6.6000e-003	6.6000e-003		6.6000e-003	6.6000e-003	0.0000	94.5007	94.5007	1.8100e-003	1.7300e-003	95.0758
Hotel	6.90252e+006	0.0372	0.3384	0.2842	2.0300e-003		0.0257	0.0257		0.0257	0.0257	0.0000	368.3446	368.3446	7.0600e-003	6.7500e-003	370.5863
Library	1.64399e+006	8.8600e-003	0.0806	0.0677	4.8000e-004		6.1200e-003	6.1200e-003		6.1200e-003	6.1200e-003	0.0000	87.7298	87.7298	1.6800e-003	1.6100e-003	88.2637
Regional Shopping Center	51680	2.8000e-004	2.5300e-003	2.1300e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.7578	2.7578	5.0000e-005	5.0000e-005	2.7746
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1457**	**1.2933**	**0.8825**	**7.9500e-003**		**0.1007**	**0.1007**		**0.1007**	**0.1007**	**0.0000**	**1,442.0330**	**1,442.0330**	**0.0276**	**0.0264**	**1,450.8090**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.30185e+006	0.0124	0.1061	0.0451	6.8000e-004		8.5800e-003	8.5800e-003		8.5800e-003	8.5800e-003	0.0000	122.8357	122.8357	2.3500e-003	2.2500e-003	123.5833
Condo/Townhouse High Rise	6.67538e+006	0.0360	0.3076	0.1309	1.9600e-003		0.0249	0.0249		0.0249	0.0249	0.0000	356.2236	356.2236	6.8300e-003	6.5300e-003	358.3915
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	4.82566e+006	0.0260	0.2366	0.1987	1.4200e-003		0.0180	0.0180		0.0180	0.0180	0.0000	257.5156	257.5156	4.9400e-003	4.7200e-003	259.0828
High Turnover (Sit Down Restaurant)	1.70213e+006	9.1800e-003	0.0834	0.0701	5.0000e-004		6.3400e-003	6.3400e-003		6.3400e-003	6.3400e-003	0.0000	90.8320	90.8320	1.7400e-003	1.6700e-003	91.3847
Hotel	5.74603e+006	0.0310	0.2817	0.2366	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.6300	306.6300	5.8800e-003	5.6200e-003	308.4961
Library	1.39298e+006	7.5100e-003	0.0683	0.0574	4.1000e-004		5.1900e-003	5.1900e-003		5.1900e-003	5.1900e-003	0.0000	74.3348	74.3348	1.4200e-003	1.3600e-003	74.7872
Regional Shopping Center	44323.2	2.4000e-004	2.1700e-003	1.8300e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.3653	2.3653	5.0000e-005	4.0000e-005	2.3797
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.1223**	**1.0858**	**0.7406**	**6.6700e-003**		**0.0845**	**0.0845**		**0.0845**	**0.0845**	**0.0000**	**1,210.7369**	**1,210.7369**	**0.0232**	**0.0222**	**1,218.1052**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.42323e+006	693.4487	0.0319	6.5900e-003	696.1626
Condo/Townhouse High Rise	835597	239.1203	0.0110	2.2700e-003	240.0561
Enclosed Parking with Elevator	1.37226e+006	392.6965	0.0181	3.7300e-003	394.2334
Enclosed Parking with Elevator	1.9546e+006	559.3418	0.0257	5.3200e-003	561.5308
Enclosed Parking with Elevator	674000	192.8765	8.8700e-003	1.8300e-003	193.6313
Government (Civic Center)	7.94795e+006	2,274.4412	0.1046	0.0216	2,283.3422
High Turnover (Sit Down Restaurant)	356516	102.0231	4.6900e-003	9.7000e-004	102.4223
Hotel	2.34498e+006	671.0556	0.0309	6.3800e-003	673.6818
Library	1.05317e+006	301.3824	0.0139	2.8700e-003	302.5619
Regional Shopping Center	461168	131.9710	6.0700e-003	1.2600e-003	132.4875
Total		**5,558.3570**	**0.2555**	**0.0529**	**5,580.1098**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	1.48485e+006	424.9137	0.0195	4.0400e-003	426.5766
Condo/Townhouse High Rise	512016	146.5220	6.7400e-003	1.3900e-003	147.0954
Enclosed Parking with Elevator	298763	85.4959	3.9300e-003	8.1000e-004	85.8305
Enclosed Parking with Elevator	608280	174.0697	8.0000e-003	1.6600e-003	174.7510
Enclosed Parking with Elevator	866411	247.9382	0.0114	2.3600e-003	248.9085
Government (Civic Center)	4.17986e+006	1,196.1361	0.0550	0.0114	1,200.8172
High Turnover (Sit Down Restaurant)	218299	62.4698	2.8700e-003	5.9000e-004	62.7143
Hotel	1.24322e+006	355.7680	0.0164	3.3800e-003	357.1603
Library	579298	165.7759	7.6200e-003	1.5800e-003	166.4247
Regional Shopping Center	203148	58.1342	2.6700e-003	5.5000e-004	58.3617
Total		**2,917.2237**	**0.1341**	**0.0277**	**2,928.6403**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	9.9123	0.0795	6.7690	3.3000e-004		0.0368	0.0368		0.0368	0.0368	0.0000	10.6535	10.6535	9.3700e-003	0.0000	10.8503
Unmitigated	11.2799	0.0890	7.6973	4.1000e-004		0.0423	0.0423		0.0423	0.0423	0.0000	12.5409	12.5409	0.0123	0.0000	12.7998

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.9350					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.1086					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2363	0.0890	7.6973	4.1000e-004		0.0423	0.0423		0.0423	0.0423	0.0000	12.5409	12.5409	0.0123	0.0000	12.7998
Total	**11.2799**	**0.0890**	**7.6973**	**4.1000e-004**		**0.0423**	**0.0423**		**0.0423**	**0.0423**	**0.0000**	**12.5409**	**12.5409**	**0.0123**	**0.0000**	**12.7998**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.6232					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.1086					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1805	0.0795	6.7690	3.3000e-004		0.0368	0.0368		0.0368	0.0368	0.0000	10.6535	10.6535	9.3700e-003	0.0000	10.8503
Total	**9.9123**	**0.0795**	**6.7690**	**3.3000e-004**		**0.0368**	**0.0368**		**0.0368**	**0.0368**	**0.0000**	**10.6535**	**10.6535**	**9.3700e-003**	**0.0000**	**10.8503**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	866.7647	4.4441	0.1117	994.7266
Unmitigated	1,024.2621	5.5534	0.1393	1,184.0684

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.777	12.0083	5.5000e-004	1.1000e-004	12.0553
Condo/Townhouse High Rise	48.2791 / 30.4368	291.9817	1.5859	0.0398	337.6165
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	108.667 / 66.6023	651.1366	3.5693	0.0895	753.8277
High Turnover (Sit Down Restaurant)	2.30686 / 0.147246	9.7958	0.0756	1.8600e-003	11.9600
Hotel	4.81969 / 0.535521	21.1907	0.1580	3.9000e-003	25.7152
Library	2.73465 / 4.27727	24.6562	0.0902	2.3300e-003	27.2728
Regional Shopping Center	2.2518 / 1.38014	13.4929	0.0740	1.8500e-003	15.6209
Total		**1,024.2621**	**5.5534**	**0.1393**	**1,184.0684**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.5466	11.2758	5.2000e-004	1.1000e-004	11.3199
Condo/Townhouse High Rise	38.6233 / 28.5802	247.0362	1.2691	0.0319	283.5771
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	86.9335 / 62.5395	550.3425	2.8562	0.0718	632.5666
High Turnover (Sit Down Restaurant)	1.84548 / 0.138264	7.9017	0.0605	1.4900e-003	9.6324
Hotel	3.85575 / 0.502854	17.1892	0.1264	3.1100e-003	20.8078
Library	2.18772 / 4.01636	21.6152	0.0722	1.8800e-003	23.7148
Regional Shopping Center	1.80144 / 1.29595	11.4043	0.0592	1.4900e-003	13.1081
Total		**866.7647**	**4.4441**	**0.1117**	**994.7266**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	764.4437	45.1773	0.0000	1,713.1675
Unmitigated	764.4437	45.1773	0.0000	1,713.1675

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.27	0.0548	3.2400e-003	0.0000	0.1228
Condo/Townhouse High Rise	340.86	69.1915	4.0891	0.0000	155.0626
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3117.9	632.9055	37.4036	0.0000	1,418.3821
High Turnover (Sit Down Restaurant)	90.44	18.3585	1.0850	0.0000	41.1426
Hotel	104.02	21.1151	1.2479	0.0000	47.3203
Library	80.49	16.3387	0.9656	0.0000	36.6162
Regional Shopping Center	31.92	6.4795	0.3829	0.0000	14.5209
Total		**764.4437**	**45.1773**	**0.0000**	**1,713.1675**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.27	0.0548	3.2400e-003	0.0000	0.1228
Condo/Townhouse High Rise	340.86	69.1915	4.0891	0.0000	155.0626
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	3117.9	632.9055	37.4036	0.0000	1,418.3821
High Turnover (Sit Down Restaurant)	90.44	18.3585	1.0850	0.0000	41.1426
Hotel	104.02	21.1151	1.2479	0.0000	47.3203
Library	80.49	16.3387	0.9656	0.0000	36.6162
Regional Shopping Center	31.92	6.4795	0.3829	0.0000	14.5209
Total		**764.4437**	**45.1773**	**0.0000**	**1,713.1675**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Reduced Density Alternative

Long Beach Civic Center

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	547.00	1000sqft	3.78	547,003.00	0
Library	87.40	1000sqft	1.73	87,400.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	7.60	1000sqft	0.00	7,600.00	0
Hotel	190.00	Room	0.00	275,880.00	0
Condo/Townhouse High Rise	190.00	Dwelling Unit	0.90	223,250.00	543
Condo/Townhouse High Rise	551.00	Dwelling Unit	6.29	617,500.00	1576
Regional Shopping Center	30.40	1000sqft	0.00	30,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD. Reduced by 5%.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing. Reduced by 5% for Alt.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113. Assumed compliance with MM AQ-3.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	839,984.00	413,911.70
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	839,984.00	47,500.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	839,984.00	294,690.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,519,952.00	1,241,735.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,519,952.00	142,500.00

tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,519,952.00	884,070.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	567,506.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	567,506.00	150,693.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	567,506.00	416,812.50
tblArchitecturalCoating	ConstArea_Residential_Interior	1,702,519.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,702,519.00	452,081.30
tblArchitecturalCoating	ConstArea_Residential_Interior	1,702,519.00	1,250,438.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_Nonresidential_Interior	2519952	2268305
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	50
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	100	50
tblConstructionPhase	NumDays	20.00	238.00
tblConstructionPhase	NumDays	20.00	132.00
tblConstructionPhase	NumDays	20.00	349.00
tblConstructionPhase	NumDays	300.00	87.00
tblConstructionPhase	NumDays	300.00	346.00
tblConstructionPhase	NumDays	300.00	694.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	130.00
tblConstructionPhase	NumDays	20.00	110.00

tblConstructionPhase	NumDays	30.00	154.00
tblConstructionPhase	NumDays	30.00	284.00
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	195.00
tblConstructionPhase	NumDays	20.00	282.00
tblConstructionPhase	PhaseEndDate	1/26/2023	7/29/2022
tblConstructionPhase	PhaseEndDate	7/3/2018	10/31/2017
tblConstructionPhase	PhaseEndDate	3/4/2019	10/31/2019
tblConstructionPhase	PhaseEndDate	4/30/2020	3/31/2020
tblConstructionPhase	PhaseEndDate	4/29/2022	2/28/2022
tblConstructionPhase	PhaseEndDate	11/28/2019	4/30/2019
tblConstructionPhase	PhaseEndDate	9/29/2020	6/30/2020
tblConstructionPhase	PhaseEndDate	5/1/2020	11/29/2019
tblConstructionPhase	PhaseEndDate	2/1/2021	12/31/2020
tblConstructionPhase	PhaseEndDate	6/1/2017	3/31/2017
tblConstructionPhase	PhaseEndDate	3/2/2020	12/31/2019
tblConstructionPhase	PhaseEndDate	11/28/2022	7/29/2022
tblConstructionPhase	PhaseEndDate	1/28/2020	12/29/2017
tblConstructionPhase	PhaseEndDate	11/30/2020	11/29/2019
tblConstructionPhase	PhaseStartDate	3/1/2022	9/1/2021
tblConstructionPhase	PhaseStartDate	12/30/2017	5/1/2017
tblConstructionPhase	PhaseStartDate	11/1/2017	7/2/2018
tblConstructionPhase	PhaseStartDate	1/1/2020	12/2/2019
tblConstructionPhase	PhaseStartDate	1/1/2021	11/2/2020
tblConstructionPhase	PhaseStartDate	4/1/2017	9/1/2016
tblConstructionPhase	PhaseStartDate	4/1/2020	1/1/2020
tblConstructionPhase	PhaseStartDate	11/30/2019	7/1/2019

tblConstructionPhase	PhaseStartDate	7/1/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	4/30/2016	3/1/2016
tblConstructionPhase	PhaseStartDate	11/30/2019	10/1/2019
tblConstructionPhase	PhaseStartDate	7/30/2022	4/1/2022
tblConstructionPhase	PhaseStartDate	5/1/2019	4/3/2017
tblConstructionPhase	PhaseStartDate	11/1/2019	11/1/2018
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	629.85	0.00
tblFireplaces	NumberNoFireplace	74.10	0.00
tblFireplaces	NumberWood	37.05	0.00
tblGrading	AcresOfGrading	385.00	2.00
tblGrading	AcresOfGrading	710.00	4.20
tblGrading	AcresOfGrading	165.00	3.10
tblGrading	MaterialExported	0.00	200,000.00
tblGrading	MaterialExported	0.00	180,000.00
tblGrading	MaterialImported	0.00	68,200.00
tblLandUse	LandUseSquareFeet	547,000.00	547,003.00
tblLandUse	LandUseSquareFeet	190,000.00	223,250.00
tblLandUse	LandUseSquareFeet	551,000.00	617,500.00
tblLandUse	LotAcreage	12.56	3.78
tblLandUse	LotAcreage	2.01	1.73
tblLandUse	LotAcreage	2.25	0.00
tblLandUse	LotAcreage	4.58	0.00
tblLandUse	LotAcreage	6.52	0.00
tblLandUse	LotAcreage	0.17	0.00
tblLandUse	LotAcreage	6.33	0.00

tblLandUse	LotAcreage	2.97	0.90
tblLandUse	LotAcreage	8.61	6.29
tblLandUse	LotAcreage	0.70	0.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	VendorTripNumber	355.00	354.00
tblTripsAndVMT	VendorTripNumber	355.00	354.00
tblTripsAndVMT	VendorTripNumber	355.00	354.00
tblTripsAndVMT	WorkerTripNumber	1,181.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	1,181.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	236.00	229.00
tblTripsAndVMT	WorkerTripNumber	1,181.00	1,143.00
tblTripsAndVMT	WorkerTripNumber	236.00	229.00
tblTripsAndVMT	WorkerTripNumber	236.00	229.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	3.16	3.42
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	53.80	51.65
tblVehicleEF	HHD	528.22	527.54
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	3.93	3.33
tblVehicleEF	HHD	4.25	3.36
tblVehicleEF	HHD	3.53	3.38
tblVehicleEF	HHD	9.7330e-003	9.3010e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	8.9550e-003	8.5570e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4370e-003	1.3690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.56	0.61
tblVehicleEF	HHD	1.0510e-003	1.0190e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.42	1.22
tblVehicleEF	HHD	5.5990e-003	5.5920e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4410e-003	1.3960e-003
tblVehicleEF	HHD	1.4370e-003	1.3690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.64	0.69
tblVehicleEF	HHD	1.0510e-003	1.0190e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.52	1.30
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.30	2.49
tblVehicleEF	HHD	1.69	1.70

tblVehicleEF	HHD	43.34	41.60
tblVehicleEF	HHD	559.60	558.89
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	4.06	3.43
tblVehicleEF	HHD	4.01	3.17
tblVehicleEF	HHD	3.38	3.24
tblVehicleEF	HHD	8.2050e-003	7.8410e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	7.5490e-003	7.2140e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.53	0.57
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.24	1.06
tblVehicleEF	HHD	5.9320e-003	5.9240e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2710e-003	1.2330e-003

tblVehicleEF	HHD	2.3200e-003	2.1960e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.60	0.65
tblVehicleEF	HHD	1.6920e-003	1.6070e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.28	0.26
tblVehicleEF	HHD	1.32	1.14
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	4.35	4.71
tblVehicleEF	HHD	1.68	1.69
tblVehicleEF	HHD	54.58	52.38
tblVehicleEF	HHD	484.88	484.26
tblVehicleEF	HHD	1,524.51	1,522.69
tblVehicleEF	HHD	49.77	49.32
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	3.76	3.18
tblVehicleEF	HHD	4.18	3.31
tblVehicleEF	HHD	3.54	3.40
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	9.6100e-004	6.9000e-004
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7160e-003	8.7220e-003
tblVehicleEF	HHD	0.08	0.08

tblVehicleEF	HHD	8.6600e-004	6.4000e-004
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.61	0.66
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.24	0.24
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.44	1.23
tblVehicleEF	HHD	5.1400e-003	5.1330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4540e-003	1.4080e-003
tblVehicleEF	HHD	1.4620e-003	1.3640e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	0.69	0.75
tblVehicleEF	HHD	1.0540e-003	1.0120e-003
tblVehicleEF	HHD	0.27	0.28
tblVehicleEF	HHD	0.30	0.28
tblVehicleEF	HHD	1.54	1.31
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.77	0.71
tblVehicleEF	LDA	1.39	1.21
tblVehicleEF	LDA	248.70	239.34
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.07
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003

tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5970e-003	3.6040e-003
tblVehicleEF	LDA	7.6100e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.22	0.21
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.86	0.79
tblVehicleEF	LDA	1.09	0.95
tblVehicleEF	LDA	261.60	251.82
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003

tblVehicleEF	LDA	1.7880e-003	1.8620e-003
tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.08	0.07
tblVehicleEF	LDA	3.7860e-003	3.7940e-003
tblVehicleEF	LDA	7.5600e-004	7.5400e-004
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.21	0.19
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	9.9910e-003	9.4500e-003
tblVehicleEF	LDA	5.4270e-003	4.6120e-003
tblVehicleEF	LDA	0.74	0.68
tblVehicleEF	LDA	1.44	1.25
tblVehicleEF	LDA	244.71	235.50
tblVehicleEF	LDA	52.85	50.62
tblVehicleEF	LDA	0.51	0.50
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	1.9290e-003	2.0080e-003
tblVehicleEF	LDA	3.3720e-003	3.7590e-003
tblVehicleEF	LDA	1.7880e-003	1.8620e-003

tblVehicleEF	LDA	3.1270e-003	3.4870e-003
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	3.5390e-003	3.5450e-003
tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76
tblVehicleEF	LDT1	3.77	3.19
tblVehicleEF	LDT1	303.51	294.33
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003

tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52
tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23

tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29

tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95
tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35
tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45

tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.2300e-004	5.1800e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39

tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06

tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48

tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003

tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.53	1.30
tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37

tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003

tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54

tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06

tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68

tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32

tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29

tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40

tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40

tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06
tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
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tblVehicleEF	MHD	4.84	3.53
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tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003

tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32

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tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10

tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
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tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
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tblVehicleEF	OBUS	0.03	0.03
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tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
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tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
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tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
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tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
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tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
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tblVehicleEF	OBUS	9.8600e-004	9.5600e-004

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tblVehicleEF	SBUS	1,037.25	1,032.35
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tblVehicleEF	SBUS	0.05	0.04
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tblVehicleEF	SBUS	6.92	6.54
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tblVehicleEF	SBUS	0.05	0.04
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tblVehicleEF	SBUS	1.69	1.52

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tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83

tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88
tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02

tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	37.05	0.00
tblWoodstoves	NumberNoncatalytic	37.05	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.0469	161.6853	193.8570	0.3886	23.0128	6.5084	29.5212	7.8547	6.0259	13.8806	0.0000	36,523.5374	36,523.5374	3.4037	0.0000	36,595.0150
2017	36.4854	149.2067	181.1991	0.3884	26.2319	5.9670	32.1989	8.6450	5.5240	14.1690	0.0000	35,641.3255	35,641.3255	3.3332	0.0000	35,711.3231
2018	44.7872	73.8943	139.5446	0.3251	17.7166	3.1280	20.8446	4.7419	2.9204	7.6624	0.0000	27,878.4395	27,878.4395	2.1422	0.0000	27,923.4258
2019	45.8311	135.3750	167.8930	0.4240	23.6533	5.6473	28.4575	8.0279	5.2243	12.4745	0.0000	37,440.6680	37,440.6680	3.9602	0.0000	37,523.8331
2020	14.7810	124.7773	166.2826	0.4481	24.2259	4.4808	28.7067	8.1871	4.1457	12.3327	0.0000	38,685.5928	38,685.5928	3.2268	0.0000	38,753.3562
2021	62.8309	40.9887	105.9604	0.3003	17.5493	1.5015	19.0508	4.6976	1.4091	6.1067	0.0000	23,711.9153	23,711.9153	1.2915	0.0000	23,739.0370
2022	62.3768	37.1682	101.6335	0.3002	17.5493	1.3361	18.8855	4.6976	1.2535	5.9512	0.0000	23,479.9852	23,479.9852	1.2617	0.0000	23,506.4808
Total	**286.1394**	**723.0954**	**1,056.3701**	**2.5746**	**149.9391**	**28.5691**	**177.6652**	**46.8519**	**26.5029**	**72.5770**	**0.0000**	**223,361.4637**	**223,361.4637**	**18.6194**	**0.0000**	**223,752.4709**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.0469	161.6853	193.8570	0.3886	19.6526	6.5084	26.1610	6.0272	6.0259	12.0531	0.0000	36,523.5374	36,523.5374	3.4037	0.0000	36,595.0149
2017	36.4854	149.2067	181.1991	0.3884	22.8717	5.9670	28.8387	6.8175	5.5240	12.3415	0.0000	35,641.3255	35,641.3255	3.3332	0.0000	35,711.3231
2018	44.7872	73.8943	139.5446	0.3251	17.7166	3.1280	20.8446	4.7419	2.9204	7.6624	0.0000	27,878.4395	27,878.4395	2.1422	0.0000	27,923.4258
2019	45.8311	135.3750	167.8930	0.4240	20.2495	5.6473	25.0537	6.1946	5.2243	10.6412	0.0000	37,440.6680	37,440.6680	3.9602	0.0000	37,523.8330
2020	14.7810	124.7773	166.2826	0.4481	20.8254	4.4808	25.3062	6.3534	4.1457	10.4991	0.0000	38,685.5928	38,685.5928	3.2268	0.0000	38,753.3562
2021	62.8309	40.9887	105.9604	0.3003	17.5493	1.5015	19.0508	4.6976	1.4091	6.1067	0.0000	23,711.9153	23,711.9153	1.2915	0.0000	23,739.0370
2022	62.3768	37.1682	101.6335	0.3002	17.5493	1.3361	18.8855	4.6976	1.2535	5.9512	0.0000	23,479.9852	23,479.9852	1.2617	0.0000	23,506.4808
Total	**286.1394**	**723.0954**	**1,056.3701**	**2.5746**	**136.4144**	**28.5691**	**164.1405**	**39.5298**	**26.5029**	**65.2550**	**0.0000**	**223,361.4637**	**223,361.4637**	**18.6194**	**0.0000**	**223,752.4708**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**9.02**	**0.00**	**7.61**	**15.63**	**0.00**	**10.09**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	62.4034	0.7116	61.5781	3.2500e-003		0.3381	0.3381		0.3381	0.3381	0.0000	110.5915	110.5915	0.1087	0.0000	112.8745
Energy	0.7984	7.0863	4.8354	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.9689	8,709.9689	0.1669	0.1597	8,762.9764
Mobile	53.9481	124.4165	559.6226	1.8875	124.5608	2.4408	127.0016	33.2871	2.2518	35.5389		142,584.2986	142,584.2986	4.6259		142,681.4422
Total	**117.1500**	**132.2144**	**626.0360**	**1.9343**	**124.5608**	**3.3306**	**127.8914**	**33.2871**	**3.1415**	**36.4286**	**0.0000**	**151,404.8590**	**151,404.8590**	**4.9016**	**0.1597**	**151,557.2930**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	54.7687	0.6363	54.1519	2.6800e-003		0.2946	0.2946		0.2946	0.2946	0.0000	93.9478	93.9478	0.0826	0.0000	95.6829
Energy	0.6704	5.9494	4.0581	0.0366		0.4632	0.4632		0.4632	0.4632		7,312.9259	7,312.9259	0.1402	0.1341	7,357.4312
Mobile	48.6316	90.2790	421.2011	1.2696	82.5116	1.6781	84.1897	22.0501	1.5484	23.5984		95,917.5072	95,917.5072	3.1975		95,984.6553
Total	**104.0706**	**96.8647**	**479.4111**	**1.3088**	**82.5116**	**2.4359**	**84.9475**	**22.0501**	**2.3061**	**24.3562**	**0.0000**	**103,324.3808**	**103,324.3808**	**3.4203**	**0.1341**	**103,437.7694**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**11.16**	**26.74**	**23.42**	**32.34**	**33.76**	**26.86**	**33.58**	**33.76**	**26.59**	**33.14**	**0.00**	**31.76**	**31.76**	**30.22**	**16.04**	**31.75**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 452,081; Residential Outdoor: 150,694; Non-Residential Indoor: 142,500; Non-Residential Outdoor: 47,500 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38
Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40

Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29
Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7615	0.0000	4.7615	0.7209	0.0000	0.7209			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**4.7615**	**2.2921**	**7.0537**	**0.7209**	**2.1365**	**2.8575**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3763	6.0306	4.2655	0.0162	0.3833	0.0957	0.4791	0.1050	0.0881	0.1930		1,634.9338	1,634.9338	0.0116		1,635.1778
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.4390**	**6.1089**	**5.2405**	**0.0183**	**0.5510**	**0.0971**	**0.6481**	**0.1494**	**0.0894**	**0.2388**		**1,813.3526**	**1,813.3526**	**0.0208**		**1,813.7888**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1427	0.0000	2.1427	0.3244	0.0000	0.3244			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**2.1427**	**2.2921**	**4.4348**	**0.3244**	**2.1365**	**2.4610**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3763	6.0306	4.2655	0.0162	0.3833	0.0957	0.4791	0.1050	0.0881	0.1930		1,634.9338	1,634.9338	0.0116		1,635.1778
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0783	0.9750	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4188	178.4188	9.1500e-003		178.6110
Total	**0.4390**	**6.1089**	**5.2405**	**0.0183**	**0.5510**	**0.0971**	**0.6481**	**0.1494**	**0.0894**	**0.2388**		**1,813.3526**	**1,813.3526**	**0.0208**		**1,813.7888**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**6.1095**	**3.5842**	**9.6937**	**3.3228**	**3.2975**	**6.6203**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3551	21.7171	15.3606	0.0584	1.6913	0.3448	2.0361	0.4543	0.3171	0.7714		5,887.6458	5,887.6458	0.0418		5,888.5244
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**1.4387**	**21.8215**	**16.6606**	**0.0612**	**1.9149**	**0.3466**	**2.2615**	**0.5136**	**0.3188**	**0.8324**		**6,125.5375**	**6,125.5375**	**0.0541**		**6,126.6724**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**2.7493**	**3.5842**	**6.3335**	**1.4953**	**3.2975**	**4.7928**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3551	21.7171	15.3606	0.0584	1.6913	0.3448	2.0361	0.4543	0.3171	0.7714		5,887.6458	5,887.6458	0.0418		5,888.5244
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0836	0.1045	1.3000	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.8917	237.8917	0.0122		238.1480
Total	**1.4387**	**21.8215**	**16.6606**	**0.0612**	**1.9149**	**0.3466**	**2.2615**	**0.5136**	**0.3188**	**0.8324**		**6,125.5375**	**6,125.5375**	**0.0541**		**6,126.6724**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**6.1095**	**3.3172**	**9.4266**	**3.3228**	**3.0518**	**6.3746**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2803	19.9056	14.7308	0.0584	4.9098	0.3151	5.2248	1.2443	0.2899	1.5342		5,790.9948	5,790.9948	0.0410		5,791.8550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0943	1.1759	2.8300e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		228.7867	228.7867	0.0113		229.0232
Total	**1.3554**	**19.9999**	**15.9068**	**0.0612**	**5.1333**	**0.3169**	**5.4502**	**1.3036**	**0.2915**	**1.5951**		**6,019.7815**	**6,019.7815**	**0.0522**		**6,020.8782**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**2.7493**	**3.3172**	**6.0664**	**1.4953**	**3.0518**	**4.5471**	**0.0000**	**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2803	19.9056	14.7308	0.0584	4.9098	0.3151	5.2248	1.2443	0.2899	1.5342		5,790.9948	5,790.9948	0.0410		5,791.8550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0751	0.0943	1.1759	2.8300e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		228.7867	228.7867	0.0113		229.0232
Total	**1.3554**	**19.9999**	**15.9068**	**0.0612**	**5.1333**	**0.3169**	**5.4502**	**1.3036**	**0.2915**	**1.5951**		**6,019.7815**	**6,019.7815**	**0.0522**		**6,020.8782**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9475	30.5740	35.2552	0.0770	2.2124	0.5034	2.7159	0.6301	0.4629	1.0930		7,718.2237	7,718.2237	0.0551		7,719.3805
Worker	4.7752	5.9697	74.2972	0.1619	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		13,595.5091	13,595.5091	0.6976		13,610.1576
Total	**7.7226**	**36.5437**	**109.5523**	**0.2389**	**14.9885**	**0.6102**	**15.5987**	**4.0183**	**0.5611**	**4.5794**		**21,313.7328**	**21,313.7328**	**0.7526**		**21,329.5381**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9475	30.5740	35.2552	0.0770	2.2124	0.5034	2.7159	0.6301	0.4629	1.0930		7,718.2237	7,718.2237	0.0551		7,719.3805
Worker	4.7752	5.9697	74.2972	0.1619	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		13,595.5091	13,595.5091	0.6976		13,610.1576
Total	**7.7226**	**36.5437**	**109.5523**	**0.2389**	**14.9885**	**0.6102**	**15.5987**	**4.0183**	**0.5611**	**4.5794**		**21,313.7328**	**21,313.7328**	**0.7526**		**21,329.5381**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7008	27.8195	33.1546	0.0769	2.2131	0.4490	2.6621	0.6304	0.4129	1.0433		7,593.2098	7,593.2098	0.0532		7,594.3279
Worker	4.2907	5.3896	67.2036	0.1618	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		13,075.1599	13,075.1599	0.6437		13,088.6766
Total	**6.9915**	**33.2091**	**100.3582**	**0.2387**	**14.9892**	**0.5517**	**15.5409**	**4.0186**	**0.5077**	**4.5263**		**20,668.3697**	**20,668.3697**	**0.6969**		**20,683.0044**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7008	27.8195	33.1546	0.0769	2.2131	0.4490	2.6621	0.6304	0.4129	1.0433		7,593.2098	7,593.2098	0.0532		7,594.3279
Worker	4.2907	5.3896	67.2036	0.1618	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		13,075.1599	13,075.1599	0.6437		13,088.6766
Total	**6.9915**	**33.2091**	**100.3582**	**0.2387**	**14.9892**	**0.5517**	**15.5409**	**4.0186**	**0.5077**	**4.5263**		**20,668.3697**	**20,668.3697**	**0.6969**		**20,683.0044**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5327	25.5324	31.5858	0.0768	2.2132	0.4232	2.6364	0.6304	0.3893	1.0196		7,465.7922	7,465.7922	0.0529		7,466.9030
Worker	3.8677	4.8889	61.0458	0.1617	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		12,588.6496	12,588.6496	0.5974		12,601.1941
Total	**6.4004**	**30.4212**	**92.6317**	**0.2385**	**14.9892**	**0.5232**	**15.5124**	**4.0186**	**0.4818**	**4.5004**		**20,054.4418**	**20,054.4418**	**0.6503**		**20,068.0971**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5327	25.5324	31.5858	0.0768	2.2132	0.4232	2.6364	0.6304	0.3893	1.0196		7,465.7922	7,465.7922	0.0529		7,466.9030
Worker	3.8677	4.8889	61.0458	0.1617	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		12,588.6496	12,588.6496	0.5974		12,601.1941
Total	**6.4004**	**30.4212**	**92.6317**	**0.2385**	**14.9892**	**0.5232**	**15.5124**	**4.0186**	**0.4818**	**4.5004**		**20,054.4418**	**20,054.4418**	**0.6503**		**20,068.0971**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0563	0.0707	0.8819	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.5900	171.5900	8.4500e-003		171.7674
Total	**0.0563**	**0.0707**	**0.8819**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.5900**	**171.5900**	**8.4500e-003**		**171.7674**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.2359					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**23.5682**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8596	1.0798	13.4643	0.0324	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,619.6077	2,619.6077	0.1290		2,622.3158
Total	**0.8596**	**1.0798**	**13.4643**	**0.0324**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,619.6077**	**2,619.6077**	**0.1290**		**2,622.3158**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.2359					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**23.5682**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8596	1.0798	13.4643	0.0324	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,619.6077	2,619.6077	0.1290		2,622.3158
Total	**0.8596**	**1.0798**	**13.4643**	**0.0324**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,619.6077**	**2,619.6077**	**0.1290**		**2,622.3158**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**33.2811**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7749	0.9795	12.2305	0.0324	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,522.1354	2,522.1354	0.1197		2,524.6487
Total	**0.7749**	**0.9795**	**12.2305**	**0.0324**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,522.1354**	**2,522.1354**	**0.1197**		**2,524.6487**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**33.2811**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7749	0.9795	12.2305	0.0324	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,522.1354	2,522.1354	0.1197		2,524.6487
Total	**0.7749**	**0.9795**	**12.2305**	**0.0324**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,522.1354**	**2,522.1354**	**0.1197**		**2,524.6487**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**33.2489**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7133	0.8984	11.2408	0.0323	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,426.5195	2,426.5195	0.1120		2,428.8722
Total	**0.7133**	**0.8984**	**11.2408**	**0.0323**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,426.5195**	**2,426.5195**	**0.1120**		**2,428.8722**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**33.2489**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7133	0.8984	11.2408	0.0323	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,426.5195	2,426.5195	0.1120		2,428.8722
Total	**0.7133**	**0.8984**	**11.2408**	**0.0323**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,426.5195**	**2,426.5195**	**0.1120**		**2,428.8722**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0642	0.8011	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2054	165.2054	7.8400e-003		165.3700
Total	**0.0508**	**0.0642**	**0.8011**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2054**	**165.2054**	**7.8400e-003**		**165.3700**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0508	0.0642	0.8011	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2054	165.2054	7.8400e-003		165.3700
Total	**0.0508**	**0.0642**	**0.8011**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2054**	**165.2054**	**7.8400e-003**		**165.3700**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.0467**	**0.0589**	**0.7363**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**158.9423**	**158.9423**	**7.3400e-003**		**159.0964**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.0467**	**0.0589**	**0.7363**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**158.9423**	**158.9423**	**7.3400e-003**		**159.0964**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2349	0.0000	1.2349	0.1870	0.0000	0.1870			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316		3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**1.2349**	**1.6448**	**2.8797**	**0.1870**	**1.5316**	**1.7185**		**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0878	1.2432	1.0165	4.1900e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0481		402.4140	402.4140	2.9700e-003		402.4764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.1345**	**1.3021**	**1.7528**	**6.3100e-003**	**0.2672**	**0.0240**	**0.2911**	**0.0717**	**0.0220**	**0.0938**		**561.3563**	**561.3563**	**0.0103**		**561.5728**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5557	0.0000	0.5557	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316	0.0000	3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**0.5557**	**1.6448**	**2.2005**	**0.0841**	**1.5316**	**1.6157**	**0.0000**	**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0878	1.2432	1.0165	4.1900e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0481		402.4140	402.4140	2.9700e-003		402.4764
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0467	0.0589	0.7363	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		158.9423	158.9423	7.3400e-003		159.0964
Total	**0.1345**	**1.3021**	**1.7528**	**6.3100e-003**	**0.2672**	**0.0240**	**0.2911**	**0.0717**	**0.0220**	**0.0938**		**561.3563**	**561.3563**	**0.0103**		**561.5728**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1888	0.0000	6.1888	3.3333	0.0000	3.3333			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**6.1888**	**2.5049**	**8.6937**	**3.3333**	**2.3045**	**5.6378**		**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9860	28.1274	22.9975	0.0947	2.2516	0.5128	2.7643	0.6166	0.4717	1.0884		9,104.5102	9,104.5102	0.0672		9,105.9211
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0785	0.9817	2.8200e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		211.9231	211.9231	9.7800e-003		212.1286
Total	**2.0483**	**28.2059**	**23.9792**	**0.0975**	**2.4751**	**0.5145**	**2.9896**	**0.6759**	**0.4733**	**1.1492**		**9,316.4333**	**9,316.4333**	**0.0770**		**9,318.0497**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7849	0.0000	2.7849	1.5000	0.0000	1.5000			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**2.7849**	**2.5049**	**5.2899**	**1.5000**	**2.3045**	**3.8045**	**0.0000**	**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9860	28.1274	22.9975	0.0947	2.2516	0.5128	2.7643	0.6166	0.4717	1.0884		9,104.5102	9,104.5102	0.0672		9,105.9211
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0785	0.9817	2.8200e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		211.9231	211.9231	9.7800e-003		212.1286
Total	**2.0483**	**28.2059**	**23.9792**	**0.0975**	**2.4751**	**0.5145**	**2.9896**	**0.6759**	**0.4733**	**1.1492**		**9,316.4333**	**9,316.4333**	**0.0770**		**9,318.0497**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3985	23.5467	30.3988	0.0765	2.2134	0.4016	2.6150	0.6304	0.3694	0.9998		7,320.7556	7,320.7556	0.0519		7,321.8448
Worker	3.5602	4.4843	56.1058	0.1614	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		12,111.4052	12,111.4052	0.5592		12,123.1481
Total	**5.9586**	**28.0310**	**86.5046**	**0.2379**	**14.9894**	**0.4998**	**15.4892**	**4.0187**	**0.4605**	**4.4792**		**19,432.1608**	**19,432.1608**	**0.6111**		**19,444.9929**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1429	0.0000	2.1429	0.3245	0.0000	0.3245			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865		3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**2.1429**	**1.4899**	**3.6327**	**0.3245**	**1.3865**	**1.7110**		**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1493	1.9225	1.7365	7.2500e-003	0.1726	0.0390	0.2116	0.0473	0.0359	0.0831		682.0991	682.0991	5.1500e-003		682.2073
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0546	0.6862	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5097	152.5097	6.9500e-003		152.6556
Total	**0.1931**	**1.9770**	**2.4227**	**9.3700e-003**	**0.3403**	**0.0403**	**0.3805**	**0.0917**	**0.0370**	**0.1288**		**834.6088**	**834.6088**	**0.0121**		**834.8629**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9643	0.0000	0.9643	0.1460	0.0000	0.1460			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865	0.0000	3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**0.9643**	**1.4899**	**2.4542**	**0.1460**	**1.3865**	**1.5325**	**0.0000**	**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1493	1.9225	1.7365	7.2500e-003	0.1726	0.0390	0.2116	0.0473	0.0359	0.0831		682.0991	682.0991	5.1500e-003		682.2073
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0438	0.0546	0.6862	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5097	152.5097	6.9500e-003		152.6556
Total	**0.1931**	**1.9770**	**2.4227**	**9.3700e-003**	**0.3403**	**0.0403**	**0.3805**	**0.0917**	**0.0370**	**0.1288**		**834.6088**	**834.6088**	**0.0121**		**834.8629**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1827	0.0000	6.1827	3.3340	0.0000	3.3340			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**6.1827**	**2.2619**	**8.4447**	**3.3340**	**2.0810**	**5.4149**		**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4476	31.5239	28.4747	0.1189	2.8300	0.6390	3.4690	0.7751	0.5878	1.3629		11,184.8862	11,184.8862	0.0845		11,186.6603
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0727	0.9149	2.8200e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		203.3463	203.3463	9.2700e-003		203.5409
Total	**2.5059**	**31.5967**	**29.3897**	**0.1217**	**3.0536**	**0.6407**	**3.6942**	**0.8344**	**0.5894**	**1.4238**		**11,388.2325**	**11,388.2325**	**0.0938**		**11,390.2011**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7822	0.0000	2.7822	1.5003	0.0000	1.5003			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**2.7822**	**2.2619**	**5.0442**	**1.5003**	**2.0810**	**3.5813**	**0.0000**	**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4476	31.5239	28.4747	0.1189	2.8300	0.6390	3.4690	0.7751	0.5878	1.3629		11,184.8862	11,184.8862	0.0845		11,186.6603
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0727	0.9149	2.8200e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		203.3463	203.3463	9.2700e-003		203.5409
Total	**2.5059**	**31.5967**	**29.3897**	**0.1217**	**3.0536**	**0.6407**	**3.6942**	**0.8344**	**0.5894**	**1.4238**		**11,388.2325**	**11,388.2325**	**0.0938**		**11,390.2011**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2772	20.5555	29.3711	0.0764	2.2136	0.3677	2.5813	0.6305	0.3383	0.9688		7,155.9334	7,155.9334	0.0508		7,156.9991
Worker	3.3365	4.1573	52.2877	0.1614	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		11,621.2382	11,621.2382	0.5296		11,632.3595
Total	**5.6137**	**24.7128**	**81.6588**	**0.2378**	**14.9896**	**0.4653**	**15.4549**	**4.0188**	**0.4288**	**4.4476**		**18,777.1716**	**18,777.1716**	**0.5803**		**18,789.3586**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2014	17.4549	28.5687	0.0764	2.2136	0.3352	2.5488	0.6305	0.3084	0.9389		7,152.7514	7,152.7514	0.0511		7,153.8249
Worker	3.1574	3.8878	49.1827	0.1617	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		11,442.4415	11,442.4415	0.5069		11,453.0868
Total	**5.3588**	**21.3427**	**77.7514**	**0.2381**	**14.9896**	**0.4329**	**15.4225**	**4.0188**	**0.3990**	**4.4178**		**18,595.1929**	**18,595.1929**	**0.5580**		**18,606.9117**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2014	17.4549	28.5687	0.0764	2.2136	0.3352	2.5488	0.6305	0.3084	0.9389		7,152.7514	7,152.7514	0.0511		7,153.8249
Worker	3.1574	3.8878	49.1827	0.1617	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		11,442.4415	11,442.4415	0.5069		11,453.0868
Total	**5.3588**	**21.3427**	**77.7514**	**0.2381**	**14.9896**	**0.4329**	**15.4225**	**4.0188**	**0.3990**	**4.4178**		**18,595.1929**	**18,595.1929**	**0.5580**		**18,606.9117**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1568	15.8452	27.9077	0.0763	2.2136	0.3315	2.5451	0.6305	0.3050	0.9355		7,146.3541	7,146.3541	0.0522		7,147.4509
Worker	2.9898	3.6473	46.3070	0.1617	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		11,253.7458	11,253.7458	0.4854		11,263.9388
Total	**5.1466**	**19.4926**	**74.2147**	**0.2380**	**14.9897**	**0.4291**	**15.4188**	**4.0188**	**0.3956**	**4.4143**		**18,400.1000**	**18,400.1000**	**0.5376**		**18,411.3897**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**	**0.0000**	**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1568	15.8452	27.9077	0.0763	2.2136	0.3315	2.5451	0.6305	0.3050	0.9355		7,146.3541	7,146.3541	0.0522		7,147.4509
Worker	2.9898	3.6473	46.3070	0.1617	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		11,253.7458	11,253.7458	0.4854		11,263.9388
Total	**5.1466**	**19.4926**	**74.2147**	**0.2380**	**14.9897**	**0.4291**	**15.4188**	**4.0188**	**0.3956**	**4.4143**		**18,400.1000**	**18,400.1000**	**0.5376**		**18,411.3897**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**54.9464**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6326	0.7789	9.8538	0.0324	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,292.4927	2,292.4927	0.1016		2,294.6254
Total	**0.6326**	**0.7789**	**9.8538**	**0.0324**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,292.4927**	**2,292.4927**	**0.1016**		**2,294.6254**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**54.9464**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6326	0.7789	9.8538	0.0324	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,292.4927	2,292.4927	0.1016		2,294.6254
Total	**0.6326**	**0.7789**	**9.8538**	**0.0324**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,292.4927**	**2,292.4927**	**0.1016**		**2,294.6254**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**54.9320**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5990	0.7307	9.2776	0.0324	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,254.6875	2,254.6875	0.0973		2,256.7297
Total	**0.5990**	**0.7307**	**9.2776**	**0.0324**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,254.6875**	**2,254.6875**	**0.0973**		**2,256.7297**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.8329
Total	**54.9320**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.8329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5990	0.7307	9.2776	0.0324	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,254.6875	2,254.6875	0.0973		2,256.7297
Total	**0.5990**	**0.7307**	**9.2776**	**0.0324**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,254.6875**	**2,254.6875**	**0.0973**		**2,256.7297**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131		2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**		**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0479	0.6077	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		147.6870	147.6870	6.3700e-003		147.8207
Total	**0.0392**	**0.0479**	**0.6077**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**147.6870**	**147.6870**	**6.3700e-003**		**147.8207**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131	0.0000	2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**	**0.0000**	**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0479	0.6077	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		147.6870	147.6870	6.3700e-003		147.8207
Total	**0.0392**	**0.0479**	**0.6077**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**147.6870**	**147.6870**	**6.3700e-003**		**147.8207**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.6316	90.2790	421.2011	1.2696	82.5116	1.6781	84.1897	22.0501	1.5484	23.5984		95,917.5072	95,917.5072	3.1975		95,984.6553
Unmitigated	53.9481	124.4165	559.6226	1.8875	124.5608	2.4408	127.0016	33.2871	2.2518	35.5389		142,584.2986	142,584.2986	4.6259		142,681.4422

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,117.20	1,360.40	1153.30	3,953,986	2,737,393
Condo/Townhouse High Rise	3,239.88	3,945.16	3344.57	11,466,561	7,938,439
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	5,820.08	0.00	0.00	12,837,976	8,280,614
High Turnover (Sit Down Restaurant)	966.34	1,203.61	1001.98	1,370,092	903,191
Hotel	1,552.30	1,556.10	1130.50	3,561,565	2,342,143
Library	3,357.03	4,068.47	2227.83	8,324,778	5,372,919
Regional Shopping Center	3,076.18	1,519.09	767.30	5,458,791	3,592,075
Total	19,239.96	13,763.78	9,736.43	47,293,012	31,376,223

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

4.4 Fleet Mix

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6704	5.9494	4.0581	0.0366		0.4632	0.4632		0.4632	0.4632		7,312.9259	7,312.9259	0.1402	0.1341	7,357.4312
NaturalGas Unmitigated	0.7984	7.0863	4.8354	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.9689	8,709.9689	0.1669	0.1597	8,762.9764

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	21747.2	0.2345	2.0042	0.8528	0.0128		0.1620	0.1620		0.1620	0.1620		2,558.4924	2,558.4924	0.0490	0.0469	2,574.0629
Condo/Townhouse High Rise	7499.03	0.0809	0.6911	0.2941	4.4100e-003		0.0559	0.0559		0.0559	0.0559		882.2387	882.2387	0.0169	0.0162	887.6079
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	16380.1	0.1767	1.6059	1.3490	9.6400e-003		0.1221	0.1221		0.1221	0.1221		1,927.0726	1,927.0726	0.0369	0.0353	1,938.8005
High Turnover (Sit Down Restaurant)	4851.72	0.0523	0.4757	0.3996	2.8500e-003		0.0362	0.0362		0.0362	0.0362		570.7900	570.7900	0.0109	0.0105	574.2637
Hotel	18911	0.2039	1.8540	1.5574	0.0111		0.1409	0.1409		0.1409	0.1409		2,224.8244	2,224.8244	0.0426	0.0408	2,238.3643
Library	4504.09	0.0486	0.4416	0.3709	2.6500e-003		0.0336	0.0336		0.0336	0.0336		529.8933	529.8933	0.0102	9.7100e-003	533.1182
Regional Shopping Center	141.589	1.5300e-003	0.0139	0.0117	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003		16.6575	16.6575	3.2000e-004	3.1000e-004	16.7589
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.7984**	**7.0863**	**4.8354**	**0.0435**		**0.5516**	**0.5516**		**0.5516**	**0.5516**		**8,709.9689**	**8,709.9689**	**0.1670**	**0.1597**	**8,762.9764**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	6.30645	0.0680	0.5812	0.2473	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.9354	741.9354	0.0142	0.0136	746.4507
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	13.221	0.1426	1.2962	1.0888	7.7800e-003		0.0985	0.0985		0.0985	0.0985		1,555.4103	1,555.4103	0.0298	0.0285	1,564.8763
High Turnover (Sit Down Restaurant)	4.66336	0.0503	0.4572	0.3840	2.7400e-003		0.0348	0.0348		0.0348	0.0348		548.6306	548.6306	0.0105	0.0101	551.9695
Hotel	15.7425	0.1698	1.5434	1.2964	9.2600e-003		0.1173	0.1173		0.1173	0.1173		1,852.0640	1,852.0640	0.0355	0.0340	1,863.3354
Library	3.81639	0.0412	0.3742	0.3143	2.2400e-003		0.0284	0.0284		0.0284	0.0284		448.9867	448.9867	8.6100e-003	8.2300e-003	451.7192
Regional Shopping Center	0.121433	1.3100e-003	0.0119	0.0100	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004		14.2863	14.2863	2.7000e-004	2.6000e-004	14.3732
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	18.2887	0.1972	1.6854	0.7172	0.0108		0.1363	0.1363		0.1363	0.1363		2,151.6126	2,151.6126	0.0412	0.0395	2,164.7070
Total		**0.6704**	**5.9494**	**4.0581**	**0.0366**		**0.4632**	**0.4632**		**0.4632**	**0.4632**		**7,312.9259**	**7,312.9259**	**0.1402**	**0.1341**	**7,357.4312**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	54.7687	0.6363	54.1519	2.6800e-003		0.2946	0.2946		0.2946	0.2946	0.0000	93.9478	93.9478	0.0826	0.0000	95.6829
Unmitigated	62.4034	0.7116	61.5781	3.2500e-003		0.3381	0.3381		0.3381	0.3381	0.0000	110.5915	110.5915	0.1087	0.0000	112.8745

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6027					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	49.9102					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8905	0.7116	61.5781	3.2500e-003		0.3381	0.3381		0.3381	0.3381		110.5915	110.5915	0.1087		112.8745
Total	**62.4034**	**0.7116**	**61.5781**	**3.2500e-003**		**0.3381**	**0.3381**		**0.3381**	**0.3381**	**0.0000**	**110.5915**	**110.5915**	**0.1087**	**0.0000**	**112.8745**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.4149					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	49.9102					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4436	0.6363	54.1519	2.6800e-003		0.2946	0.2946		0.2946	0.2946		93.9478	93.9478	0.0826		95.6829
Total	**54.7687**	**0.6363**	**54.1519**	**2.6800e-003**		**0.2946**	**0.2946**		**0.2946**	**0.2946**	**0.0000**	**93.9478**	**93.9478**	**0.0826**	**0.0000**	**95.6829**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Reduced Density Alternative

Long Beach Civic Center

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government (Civic Center)	547.00	1000sqft	3.78	547,003.00	0
Library	87.40	1000sqft	1.73	87,400.00	0
Enclosed Parking with Elevator	509.00	Space	0.00	203,600.00	0
Enclosed Parking with Elevator	250.00	Space	0.00	100,000.00	0
Enclosed Parking with Elevator	725.00	Space	0.00	290,000.00	0
City Park	3.17	Acre	3.17	138,085.20	0
High Turnover (Sit Down Restaurant)	7.60	1000sqft	0.00	7,600.00	0
Hotel	190.00	Room	0.00	275,880.00	0
Condo/Townhouse High Rise	190.00	Dwelling Unit	0.90	223,250.00	543
Condo/Townhouse High Rise	551.00	Dwelling Unit	6.29	617,500.00	1576
Regional Shopping Center	30.40	1000sqft	0.00	30,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Civic Center includes City Hall, Port Bldg, and plaza. Total lot acreage divided by uses (estimated from site plan). SF from PD. Reduced by 5%.

Construction Phase - Construction Schedule from applicant provided material. Courthouse Demolition assumed to occur before grading begins.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Demolition includes City Hall, Library, and Old Courthouse.

Grading - Grading area estimated from export study.

Architectural Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. SF updated based on phasing. Reduced by 5% for Alt.

Vehicle Trips - Trip rates from LLG Traffic Study (Appendix E).

Woodstoves - Assumed compliance with SCAQMD's Healthy Hearths Initiative Rule 445 - wood burning devices cannot be installed in new developments.

Area Coating - Use of low-VOC paint (150 g/L for nonflat coatings) as required by SCAQMD Rule 1113. Non-residential SF does not include park.

Construction Off-road Equipment Mitigation - Assumed compliance with SCAQMD Fugitive Dust Rule 403 and Downtown Plan EIR Mitigation Measure AQ-1(c).

Mobile Land Use Mitigation - Approx. 107 du/acre (Center Block and Third and Pacific Block). Project site in Downtown.

Mobile Commute Mitigation - Assumed compliance with Downtown Plan EIR Mitigation Measure AQ-2.

Area Mitigation - Use of low-VOC paint (150 g/L for nonflat coatings) SCAQMD Rule 1113. Assumed compliance with MM AQ-3.

Energy Mitigation - Assumed compliance with DP EIR MM AQ-2 and MM GHG-2(b). Light energy reduction https://www.energystar.gov/index.cfm?c=ssl.pr_why_es_com

Water Mitigation - Assumed compliance with DP EIR MM GHG-2(b)

Waste Mitigation -

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tblVehicleEF	LDA	7.6200e-004	7.5900e-004
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.25	0.23
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.05	1.76
tblVehicleEF	LDT1	3.77	3.19
tblVehicleEF	LDT1	303.51	294.33
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.21	0.18
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003

tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.28	0.23
tblVehicleEF	LDT1	4.1550e-003	4.1640e-003
tblVehicleEF	LDT1	9.1300e-004	9.0500e-004
tblVehicleEF	LDT1	0.15	0.14
tblVehicleEF	LDT1	0.28	0.26
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.93	0.85
tblVehicleEF	LDT1	0.30	0.25
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	2.24	1.94
tblVehicleEF	LDT1	2.97	2.52
tblVehicleEF	LDT1	318.71	309.20
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.18	0.15
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.25	0.23

tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.24	0.20
tblVehicleEF	LDT1	4.3690e-003	4.3790e-003
tblVehicleEF	LDT1	8.9900e-004	8.9400e-004
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.30	0.28
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	0.87	0.80
tblVehicleEF	LDT1	0.25	0.21
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	1.98	1.71
tblVehicleEF	LDT1	3.88	3.29
tblVehicleEF	LDT1	299.01	289.93
tblVehicleEF	LDT1	63.81	61.80
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.20	0.17
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	3.6870e-003	3.3980e-003
tblVehicleEF	LDT1	4.7320e-003	4.6830e-003
tblVehicleEF	LDT1	3.4190e-003	3.1520e-003
tblVehicleEF	LDT1	4.3890e-003	4.3440e-003
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29

tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.28	0.24
tblVehicleEF	LDT1	4.0920e-003	4.1010e-003
tblVehicleEF	LDT1	9.1500e-004	9.0700e-004
tblVehicleEF	LDT1	0.16	0.14
tblVehicleEF	LDT1	0.31	0.29
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.07	0.06
tblVehicleEF	LDT1	1.10	1.00
tblVehicleEF	LDT1	0.30	0.26
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.07	0.95
tblVehicleEF	LDT2	2.03	1.71
tblVehicleEF	LDT2	369.06	359.70
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06

tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8850e-003	4.8920e-003
tblVehicleEF	LDT2	1.0390e-003	1.0350e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.13	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.41	0.39
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.19	1.06
tblVehicleEF	LDT2	1.60	1.35
tblVehicleEF	LDT2	387.84	378.07
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.02	0.02

tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.12	0.10
tblVehicleEF	LDT2	5.1360e-003	5.1440e-003
tblVehicleEF	LDT2	1.0320e-003	1.0290e-003
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.14	0.13
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.39	0.36
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	7.9760e-003	6.6260e-003
tblVehicleEF	LDT2	1.03	0.92
tblVehicleEF	LDT2	2.10	1.77
tblVehicleEF	LDT2	363.33	354.11
tblVehicleEF	LDT2	77.44	75.28
tblVehicleEF	LDT2	0.18	0.18
tblVehicleEF	LDT2	0.11	0.10
tblVehicleEF	LDT2	0.18	0.14
tblVehicleEF	LDT2	1.9220e-003	1.9830e-003
tblVehicleEF	LDT2	3.3610e-003	3.7230e-003
tblVehicleEF	LDT2	1.7830e-003	1.8400e-003
tblVehicleEF	LDT2	3.1180e-003	3.4540e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.48	0.45

tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	4.8080e-003	4.8150e-003
tblVehicleEF	LDT2	1.0410e-003	1.0360e-003
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.48	0.45
tblVehicleEF	LDT2	0.15	0.13
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.05	3.65
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.98	0.85
tblVehicleEF	LHD1	1.30	1.23
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3000e-004
tblVehicleEF	LHD1	2.6250e-003	2.4700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6290e-003	1.5850e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.42	0.40
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	1.01	0.82
tblVehicleEF	LHD1	3.28	2.96
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.91	0.79
tblVehicleEF	LHD1	1.25	1.19
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.41	0.39
tblVehicleEF	LHD1	0.32	0.28
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.2300e-004	5.1800e-004
tblVehicleEF	LHD1	4.1230e-003	3.8730e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5230e-003	2.4310e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.41	0.39

tblVehicleEF	LHD1	0.35	0.30
tblVehicleEF	LHD1	1.2780e-003	1.2420e-003
tblVehicleEF	LHD1	0.01	9.7370e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.18
tblVehicleEF	LHD1	0.99	0.81
tblVehicleEF	LHD1	4.08	3.68
tblVehicleEF	LHD1	7.70	7.70
tblVehicleEF	LHD1	528.12	529.38
tblVehicleEF	LHD1	41.54	41.72
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.96	0.83
tblVehicleEF	LHD1	1.31	1.24
tblVehicleEF	LHD1	4.7900e-004	4.7700e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	8.9560e-003	8.9540e-003
tblVehicleEF	LHD1	6.6480e-003	6.0830e-003
tblVehicleEF	LHD1	9.0800e-004	7.6100e-004
tblVehicleEF	LHD1	4.4100e-004	4.3800e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	6.1210e-003	5.6000e-003
tblVehicleEF	LHD1	8.4000e-004	7.0600e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.07	0.06

tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.37	0.32
tblVehicleEF	LHD1	5.8180e-003	5.8290e-003
tblVehicleEF	LHD1	5.3600e-004	5.3100e-004
tblVehicleEF	LHD1	2.7730e-003	2.5660e-003
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6400e-003	1.5860e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.45	0.44
tblVehicleEF	LHD1	0.39	0.34
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.34	2.09
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.56	1.33
tblVehicleEF	LHD2	0.86	0.80
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.22	0.18
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.4630e-003	1.3330e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.5100e-004	9.0900e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.24	0.22
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.66	0.56
tblVehicleEF	LHD2	1.90	1.70
tblVehicleEF	LHD2	8.48	8.48

tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.47	1.25
tblVehicleEF	LHD2	0.82	0.77
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.19	0.16
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5000e-004	3.4800e-004
tblVehicleEF	LHD2	2.2700e-003	2.0650e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4440e-003	1.3650e-003

tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.23	0.21
tblVehicleEF	LHD2	0.21	0.18
tblVehicleEF	LHD2	1.0000e-003	9.7700e-004
tblVehicleEF	LHD2	7.6760e-003	6.5600e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.15	0.15
tblVehicleEF	LHD2	0.65	0.55
tblVehicleEF	LHD2	2.37	2.12
tblVehicleEF	LHD2	8.48	8.48
tblVehicleEF	LHD2	509.57	510.07
tblVehicleEF	LHD2	28.34	28.48
tblVehicleEF	LHD2	6.7260e-003	6.8350e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.53	1.30
tblVehicleEF	LHD2	0.86	0.81
tblVehicleEF	LHD2	1.0450e-003	1.0370e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	9.9790e-003	9.9800e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.7300e-004	3.7700e-004
tblVehicleEF	LHD2	9.6200e-004	9.5400e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.3800e-004	3.5000e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.07	0.06
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.22	0.19
tblVehicleEF	LHD2	5.5450e-003	5.5490e-003
tblVehicleEF	LHD2	3.5800e-004	3.5500e-004
tblVehicleEF	LHD2	1.5110e-003	1.3460e-003
tblVehicleEF	LHD2	0.05	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.4300e-004	8.9500e-004
tblVehicleEF	LHD2	0.08	0.07
tblVehicleEF	LHD2	0.26	0.24
tblVehicleEF	LHD2	0.23	0.20
tblVehicleEF	MCY	20.61	20.09
tblVehicleEF	MCY	10.01	10.06
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.16	1.15
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.39	2.37

tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.06	2.05
tblVehicleEF	MCY	1.9700e-003	1.9740e-003
tblVehicleEF	MCY	6.5000e-004	6.4300e-004
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.41	0.41
tblVehicleEF	MCY	0.55	0.55
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.24	1.19
tblVehicleEF	MCY	2.21	2.20
tblVehicleEF	MCY	19.99	19.50
tblVehicleEF	MCY	8.80	8.82
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.01	1.01
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.33	2.31
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.81	1.80
tblVehicleEF	MCY	1.9590e-003	1.9640e-003

tblVehicleEF	MCY	6.2300e-004	6.1600e-004
tblVehicleEF	MCY	1.66	1.67
tblVehicleEF	MCY	0.51	0.51
tblVehicleEF	MCY	1.05	1.05
tblVehicleEF	MCY	2.56	2.55
tblVehicleEF	MCY	1.16	1.11
tblVehicleEF	MCY	1.95	1.93
tblVehicleEF	MCY	20.49	19.97
tblVehicleEF	MCY	10.06	10.12
tblVehicleEF	MCY	141.43	142.62
tblVehicleEF	MCY	38.50	37.84
tblVehicleEF	MCY	4.4000e-003	4.3080e-003
tblVehicleEF	MCY	1.13	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.1500e-004	2.7700e-004
tblVehicleEF	MCY	9.6300e-004	8.3500e-004
tblVehicleEF	MCY	2.6400e-004	2.3600e-004
tblVehicleEF	MCY	8.0000e-004	7.0500e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.39	2.37
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.08	2.06
tblVehicleEF	MCY	1.9680e-003	1.9730e-003
tblVehicleEF	MCY	6.5100e-004	6.4400e-004
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.54	0.54

tblVehicleEF	MCY	0.54	0.54
tblVehicleEF	MCY	2.62	2.60
tblVehicleEF	MCY	1.48	1.43
tblVehicleEF	MCY	2.23	2.21
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.78	1.52
tblVehicleEF	MDV	3.77	3.26
tblVehicleEF	MDV	488.73	477.62
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.22	0.18
tblVehicleEF	MDV	0.35	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.2060e-003	6.2200e-003
tblVehicleEF	MDV	1.3410e-003	1.3350e-003
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.60	0.59
tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.96	1.69
tblVehicleEF	MDV	2.97	2.56
tblVehicleEF	MDV	514.18	502.64
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.33	0.28
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.27	0.23
tblVehicleEF	MDV	6.5340e-003	6.5500e-003
tblVehicleEF	MDV	1.3270e-003	1.3220e-003
tblVehicleEF	MDV	0.15	0.14
tblVehicleEF	MDV	0.21	0.21
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.07	0.06

tblVehicleEF	MDV	0.57	0.56
tblVehicleEF	MDV	0.29	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.72	1.46
tblVehicleEF	MDV	3.88	3.37
tblVehicleEF	MDV	481.27	470.30
tblVehicleEF	MDV	102.89	100.49
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.21	0.18
tblVehicleEF	MDV	0.36	0.30
tblVehicleEF	MDV	2.1720e-003	2.1510e-003
tblVehicleEF	MDV	3.5290e-003	3.7110e-003
tblVehicleEF	MDV	2.0090e-003	1.9940e-003
tblVehicleEF	MDV	3.2670e-003	3.4420e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.70	0.68
tblVehicleEF	MDV	0.32	0.27
tblVehicleEF	MDV	6.1110e-003	6.1240e-003
tblVehicleEF	MDV	1.3430e-003	1.3360e-003
tblVehicleEF	MDV	0.09	0.08
tblVehicleEF	MDV	0.22	0.21
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.70	0.68

tblVehicleEF	MDV	0.34	0.29
tblVehicleEF	MH	1.60	1.00
tblVehicleEF	MH	6.03	5.23
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.25	1.08
tblVehicleEF	MH	0.68	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.59	1.32
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1500e-004	4.0000e-004
tblVehicleEF	MH	0.95	0.79
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.39	0.34
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.59	1.32

tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	1.64	1.03
tblVehicleEF	MH	4.81	4.19
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.15	1.00
tblVehicleEF	MH	0.66	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.56	1.29
tblVehicleEF	MH	0.29	0.25
tblVehicleEF	MH	6.6400e-003	6.6500e-003
tblVehicleEF	MH	3.9500e-004	3.8200e-004
tblVehicleEF	MH	1.47	1.22
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.61	0.53
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.56	1.29

tblVehicleEF	MH	0.31	0.27
tblVehicleEF	MH	1.59	1.00
tblVehicleEF	MH	6.06	5.25
tblVehicleEF	MH	602.71	604.56
tblVehicleEF	MH	27.93	27.82
tblVehicleEF	MH	2.1590e-003	2.2880e-003
tblVehicleEF	MH	1.22	1.06
tblVehicleEF	MH	0.69	0.62
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5800e-003	8.5810e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.4900e-004	4.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	5.9600e-004	4.3400e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	1.68	1.40
tblVehicleEF	MH	0.34	0.29
tblVehicleEF	MH	6.6390e-003	6.6500e-003
tblVehicleEF	MH	4.1600e-004	4.0000e-004
tblVehicleEF	MH	1.07	0.87
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	0.41	0.35
tblVehicleEF	MH	0.08	0.06
tblVehicleEF	MH	1.68	1.40

tblVehicleEF	MH	0.36	0.31
tblVehicleEF	MHD	7.4570e-003	8.1650e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.89	2.07
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.44	12.47
tblVehicleEF	MHD	572.02	572.08
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.69	3.42
tblVehicleEF	MHD	1.64	1.04
tblVehicleEF	MHD	1.62	1.43
tblVehicleEF	MHD	0.01	7.9640e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	7.3270e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.42	0.40

tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.0400e-004	7.6600e-004
tblVehicleEF	MHD	2.3690e-003	2.1250e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.18	0.20
tblVehicleEF	MHD	1.5020e-003	1.4000e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.42	0.40
tblVehicleEF	MHD	0.92	0.78
tblVehicleEF	MHD	7.0270e-003	7.6940e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	1.37	1.51
tblVehicleEF	MHD	0.69	0.57
tblVehicleEF	MHD	11.64	10.06
tblVehicleEF	MHD	606.00	606.07
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.84	3.53
tblVehicleEF	MHD	1.54	0.97
tblVehicleEF	MHD	1.56	1.37
tblVehicleEF	MHD	9.3480e-003	6.7140e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	8.6000e-003	6.1770e-003

tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.76	0.65
tblVehicleEF	MHD	6.4240e-003	6.4250e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	7.5700e-004	7.2500e-004
tblVehicleEF	MHD	3.6600e-003	3.2710e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	2.2910e-003	2.1040e-003
tblVehicleEF	MHD	0.11	0.10
tblVehicleEF	MHD	0.41	0.39
tblVehicleEF	MHD	0.81	0.69
tblVehicleEF	MHD	8.0500e-003	8.8140e-003
tblVehicleEF	MHD	3.5450e-003	3.3250e-003
tblVehicleEF	MHD	2.60	2.85
tblVehicleEF	MHD	0.68	0.56
tblVehicleEF	MHD	14.78	12.76
tblVehicleEF	MHD	525.09	525.15
tblVehicleEF	MHD	914.53	913.05
tblVehicleEF	MHD	49.60	49.32

tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.48	3.27
tblVehicleEF	MHD	1.60	1.02
tblVehicleEF	MHD	1.63	1.44
tblVehicleEF	MHD	0.01	9.6910e-003
tblVehicleEF	MHD	0.11	0.11
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.3970e-003	1.0860e-003
tblVehicleEF	MHD	0.01	8.9150e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.2800e-003	1.0070e-003
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.17	0.19
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.09	0.08
tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.88	0.74
tblVehicleEF	MHD	5.5660e-003	5.5670e-003
tblVehicleEF	MHD	9.7500e-003	9.7330e-003
tblVehicleEF	MHD	8.1000e-004	7.7100e-004
tblVehicleEF	MHD	2.5250e-003	2.2210e-003
tblVehicleEF	MHD	0.10	0.09
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.5230e-003	1.4060e-003
tblVehicleEF	MHD	0.11	0.10

tblVehicleEF	MHD	0.46	0.44
tblVehicleEF	MHD	0.94	0.79
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	2.74	3.30
tblVehicleEF	OBUS	0.97	0.86
tblVehicleEF	OBUS	8.80	7.92
tblVehicleEF	OBUS	534.88	533.47
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.28	1.27
tblVehicleEF	OBUS	1.24	1.12
tblVehicleEF	OBUS	9.5470e-003	8.7920e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004

tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.54	0.48
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1900e-004	5.0200e-004
tblVehicleEF	OBUS	9.6600e-004	9.5100e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.3100e-004	5.3300e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.33	0.33
tblVehicleEF	OBUS	0.58	0.51
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	1.99	2.40
tblVehicleEF	OBUS	0.98	0.86
tblVehicleEF	OBUS	7.12	6.40
tblVehicleEF	OBUS	566.66	565.16
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.14	1.19
tblVehicleEF	OBUS	1.19	1.08
tblVehicleEF	OBUS	8.0480e-003	7.4120e-003
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	4.7700e-004
tblVehicleEF	OBUS	1.4470e-003	1.4230e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	7.8300e-004	7.8100e-004
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.32	0.32
tblVehicleEF	OBUS	0.51	0.45
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.7960e-003	2.9670e-003
tblVehicleEF	OBUS	3.78	4.55
tblVehicleEF	OBUS	0.97	0.85

tblVehicleEF	OBUS	8.99	8.09
tblVehicleEF	OBUS	491.00	489.70
tblVehicleEF	OBUS	1,017.03	1,018.77
tblVehicleEF	OBUS	32.78	32.73
tblVehicleEF	OBUS	1.9410e-003	1.9660e-003
tblVehicleEF	OBUS	4.44	3.06
tblVehicleEF	OBUS	2.24	1.25
tblVehicleEF	OBUS	1.25	1.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.7800e-004	4.9700e-004
tblVehicleEF	OBUS	0.01	9.8420e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6450e-003	2.6520e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	5.3400e-004	4.6100e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.55	0.49
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.2200e-004	5.0500e-004
tblVehicleEF	OBUS	9.8600e-004	9.5600e-004

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	0.14	0.13
tblVehicleEF	OBUS	0.35	0.35
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	SBUS	4.4530e-003	4.6460e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.05	1.12
tblVehicleEF	SBUS	2.96	2.66
tblVehicleEF	SBUS	27.16	24.72
tblVehicleEF	SBUS	547.00	552.46
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.58	7.35
tblVehicleEF	SBUS	7.03	6.65
tblVehicleEF	SBUS	2.02	1.89
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.03	0.03

tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.28
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.66	1.48
tblVehicleEF	SBUS	5.7980e-003	5.8560e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7600e-003	1.7140e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	1.95	1.92
tblVehicleEF	SBUS	1.77	1.59
tblVehicleEF	SBUS	4.1970e-003	4.3790e-003
tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	0.76	0.82
tblVehicleEF	SBUS	3.03	2.73
tblVehicleEF	SBUS	23.01	20.96
tblVehicleEF	SBUS	579.49	585.28
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.82	7.58
tblVehicleEF	SBUS	6.62	6.25
tblVehicleEF	SBUS	1.91	1.78

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.01	9.4430e-003
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.09	0.09
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.30	0.29
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.49	1.33
tblVehicleEF	SBUS	6.1430e-003	6.2040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6900e-003	1.6500e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.21	0.20
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.34	0.32
tblVehicleEF	SBUS	1.79	1.77
tblVehicleEF	SBUS	1.59	1.42
tblVehicleEF	SBUS	4.8080e-003	5.0160e-003

tblVehicleEF	SBUS	5.5860e-003	5.8530e-003
tblVehicleEF	SBUS	1.45	1.55
tblVehicleEF	SBUS	2.94	2.64
tblVehicleEF	SBUS	27.94	25.44
tblVehicleEF	SBUS	502.12	507.13
tblVehicleEF	SBUS	1,037.25	1,032.35
tblVehicleEF	SBUS	115.53	115.30
tblVehicleEF	SBUS	5.7400e-004	5.6800e-004
tblVehicleEF	SBUS	7.24	7.02
tblVehicleEF	SBUS	6.92	6.54
tblVehicleEF	SBUS	2.04	1.91
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.57	0.56
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	3.6960e-003	3.2240e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.24	0.24
tblVehicleEF	SBUS	2.7470e-003	2.7410e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4060e-003	2.9910e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.29	0.28
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.69	1.52

tblVehicleEF	SBUS	5.3230e-003	5.3760e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7730e-003	1.7260e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.25	0.24
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.33	0.31
tblVehicleEF	SBUS	2.30	2.26
tblVehicleEF	SBUS	1.81	1.62
tblVehicleEF	UBUS	4.38	4.22
tblVehicleEF	UBUS	9.86	9.55
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.91	10.49
tblVehicleEF	UBUS	1.17	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.78	0.83

tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.8100e-004	4.7600e-004
tblVehicleEF	UBUS	5.4570e-003	5.3760e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	3.0100e-003	2.9670e-003
tblVehicleEF	UBUS	0.80	0.78
tblVehicleEF	UBUS	0.78	0.83
tblVehicleEF	UBUS	0.78	0.76
tblVehicleEF	UBUS	4.44	4.28
tblVehicleEF	UBUS	8.28	8.02
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.28	9.88
tblVehicleEF	UBUS	1.12	1.10
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.73	0.71
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.65	0.64

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	4.5400e-004	4.5000e-004
tblVehicleEF	UBUS	8.0610e-003	7.9260e-003
tblVehicleEF	UBUS	0.10	0.09
tblVehicleEF	UBUS	4.5490e-003	4.4570e-003
tblVehicleEF	UBUS	0.81	0.79
tblVehicleEF	UBUS	0.73	0.77
tblVehicleEF	UBUS	0.70	0.68
tblVehicleEF	UBUS	4.37	4.21
tblVehicleEF	UBUS	9.99	9.68
tblVehicleEF	UBUS	1,917.54	1,907.03
tblVehicleEF	UBUS	27.32	27.40
tblVehicleEF	UBUS	2.4830e-003	2.5030e-003
tblVehicleEF	UBUS	10.70	10.29
tblVehicleEF	UBUS	1.18	1.15
tblVehicleEF	UBUS	0.68	0.68
tblVehicleEF	UBUS	0.18	0.17
tblVehicleEF	UBUS	6.0900e-004	5.8900e-004
tblVehicleEF	UBUS	0.29	0.29
tblVehicleEF	UBUS	0.16	0.16
tblVehicleEF	UBUS	5.6400e-004	5.4700e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.72	0.70
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.73	0.72
tblVehicleEF	UBUS	0.02	0.02

tblVehicleEF	UBUS	4.8300e-004	4.7900e-004
tblVehicleEF	UBUS	6.2690e-003	6.1660e-003
tblVehicleEF	UBUS	0.12	0.11
tblVehicleEF	UBUS	3.2440e-003	3.1950e-003
tblVehicleEF	UBUS	0.80	0.77
tblVehicleEF	UBUS	0.92	0.97
tblVehicleEF	UBUS	0.78	0.77
tblVehicleTrips	ST_TR	1.59	35.00
tblVehicleTrips	SU_TR	1.59	35.00
tblVehicleTrips	WD_TR	1.59	35.00
tblVehicleTrips	WD_TR	6.59	5.88
tblVehicleTrips	WD_TR	27.92	10.64
tblVehicleTrips	WD_TR	56.24	38.41
tblVehicleTrips	WD_TR	42.94	101.19
tblWoodstoves	NumberCatalytic	37.05	0.00
tblWoodstoves	NumberNoncatalytic	37.05	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.5093	163.8386	197.2309	0.3777	23.0128	6.5144	29.5272	7.8547	6.0314	13.8861	0.0000	35,587.1767	35,587.1767	3.4059	0.0000	35,658.7005
2017	36.8328	151.1470	184.8872	0.3774	26.2319	5.9721	32.2040	8.6450	5.5287	14.1737	0.0000	34,737.1330	34,737.1330	3.3355	0.0000	34,807.1777
2018	45.0888	75.0855	140.1807	0.3122	17.7166	3.1320	20.8486	4.7419	2.9241	7.6660	0.0000	26,864.4925	26,864.4925	2.1439	0.0000	26,909.5148
2019	45.9407	136.5386	173.4646	0.4129	23.6533	5.6484	28.4622	8.0279	5.2254	12.4788	0.0000	36,587.8535	36,587.8535	3.9613	0.0000	36,671.0401
2020	15.1353	126.7817	173.0115	0.4369	24.2259	4.4851	28.7110	8.1871	4.1497	12.3367	0.0000	37,858.2649	37,858.2649	3.2299	0.0000	37,926.0928
2021	63.0701	41.8321	107.3338	0.2874	17.5493	1.5040	19.0533	4.6976	1.4115	6.1091	0.0000	22,789.5839	22,789.5839	1.2934	0.0000	22,816.7449
2022	62.6044	37.9452	103.0679	0.2873	17.5493	1.3387	18.8880	4.6976	1.2559	5.9535	0.0000	22,570.1567	22,570.1567	1.2636	0.0000	22,596.6932
Total	**288.1814**	**733.1687**	**1,079.1766**	**2.4917**	**149.9391**	**28.5946**	**177.6943**	**46.8519**	**26.5264**	**72.6038**	**0.0000**	**216,994.6612**	**216,994.6612**	**18.6335**	**0.0000**	**217,385.9640**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	19.5093	163.8386	197.2309	0.3777	19.6526	6.5144	26.1670	6.0272	6.0314	12.0586	0.0000	35,587.1767	35,587.1767	3.4059	0.0000	35,658.7005
2017	36.8328	151.1470	184.8872	0.3774	22.8717	5.9721	28.8438	6.8175	5.5287	12.3461	0.0000	34,737.1330	34,737.1330	3.3355	0.0000	34,807.1777
2018	45.0888	75.0855	140.1807	0.3122	17.7166	3.1320	20.8486	4.7419	2.9241	7.6660	0.0000	26,864.4925	26,864.4925	2.1439	0.0000	26,909.5147
2019	45.9407	136.5386	173.4646	0.4129	20.2495	5.6484	25.0584	6.1946	5.2254	10.6455	0.0000	36,587.8534	36,587.8534	3.9613	0.0000	36,671.0401
2020	15.1353	126.7817	173.0115	0.4369	20.8254	4.4851	25.3105	6.3534	4.1497	10.5030	0.0000	37,858.2649	37,858.2649	3.2299	0.0000	37,926.0928
2021	63.0701	41.8321	107.3338	0.2874	17.5493	1.5040	19.0533	4.6976	1.4115	6.1091	0.0000	22,789.5839	22,789.5839	1.2934	0.0000	22,816.7449
2022	62.6044	37.9452	103.0679	0.2873	17.5493	1.3387	18.8880	4.6976	1.2559	5.9535	0.0000	22,570.1567	22,570.1567	1.2636	0.0000	22,596.6932
Total	**288.1814**	**733.1687**	**1,079.1766**	**2.4917**	**136.4144**	**28.5946**	**164.1696**	**39.5298**	**26.5264**	**65.2818**	**0.0000**	**216,994.6611**	**216,994.6611**	**18.6335**	**0.0000**	**217,385.9639**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**9.02**	**0.00**	**7.61**	**15.63**	**0.00**	**10.08**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	62.4034	0.7116	61.5781	3.2500e-003		0.3381	0.3381		0.3381	0.3381	0.0000	110.5915	110.5915	0.1087	0.0000	112.8745
Energy	0.7984	7.0863	4.8354	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.9689	8,709.9689	0.1669	0.1597	8,762.9764
Mobile	55.6061	130.6070	560.5235	1.7930	124.5608	2.4492	127.0100	33.2871	2.2594	35.5465		135,888.6828	135,888.6828	4.6334		135,985.9836
Total	**118.8079**	**138.4049**	**626.9370**	**1.8398**	**124.5608**	**3.3389**	**127.8997**	**33.2871**	**3.1492**	**36.4363**	**0.0000**	**144,709.2432**	**144,709.2432**	**4.9090**	**0.1597**	**144,861.8344**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	54.7687	0.6363	54.1519	2.6800e-003		0.2946	0.2946		0.2946	0.2946	0.0000	93.9478	93.9478	0.0826	0.0000	95.6829
Energy	0.6704	5.9494	4.0581	0.0366		0.4632	0.4632		0.4632	0.4632		7,312.9259	7,312.9259	0.1402	0.1341	7,357.4312
Mobile	50.4777	94.4557	436.9831	1.2065	82.5116	1.6864	84.1981	22.0501	1.5561	23.6061		91,417.4587	91,417.4587	3.2050		91,484.7640
Total	**105.9167**	**101.0414**	**495.1931**	**1.2457**	**82.5116**	**2.4442**	**84.9558**	**22.0501**	**2.3138**	**24.3639**	**0.0000**	**98,824.3324**	**98,824.3324**	**3.4278**	**0.1341**	**98,937.8781**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.85**	**27.00**	**21.01**	**32.29**	**33.76**	**26.80**	**33.58**	**33.76**	**26.53**	**33.13**	**0.00**	**31.71**	**31.71**	**30.17**	**16.04**	**31.70**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase One:Demolition	Demolition	1/1/2016	4/29/2016	5	86	
2	Phase One: Grading	Grading	3/1/2016	3/31/2017	5	284	
3	Phase One:Building Construction	Building Construction	9/1/2016	4/30/2019	5	694	
4	Phase Two: Paving	Paving	4/3/2017	12/29/2017	5	195	
5	Phase Two: Architectural Coating	Architectural Coating	5/1/2017	10/31/2017	5	132	
6	Phase One:Architectural Coating	Architectural Coating	7/2/2018	10/31/2019	5	349	
7	Phase One:Paving	Paving	11/1/2018	11/29/2019	5	282	
8	Phase Three: Demolition	Demolition	7/1/2019	11/29/2019	5	110	
9	Phase Three: Grading	Grading	10/1/2019	12/31/2019	5	66	
10	Phase Three: Construction	Building Construction	12/2/2019	3/31/2020	5	87	
11	Phase Four:Demolition	Demolition	1/1/2020	6/30/2020	5	130	
12	Phase Four: Grading	Grading	6/1/2020	12/31/2020	5	154	
13	Phase Four: Construction	Building Construction	11/2/2020	2/28/2022	5	346	
14	Phase Four: Architectural Coating	Architectural Coating	9/1/2021	7/29/2022	5	238	
15	Phase Four: Paving	Paving	4/1/2022	7/29/2022	5	86	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 452,081; Residential Outdoor: 150,694; Non-Residential Indoor: 142,500; Non-Residential Outdoor: 47,500 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase One:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase One:Demolition	Excavators	3	8.00	162	0.38
Phase One:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase One: Grading	Excavators	2	8.00	162	0.38
Phase One: Grading	Graders	1	8.00	174	0.41
Phase One: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase One: Grading	Scrapers	2	8.00	361	0.48
Phase One: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase One:Building Construction	Cranes	1	7.00	226	0.29
Phase One:Building Construction	Forklifts	3	8.00	89	0.20
Phase One:Building Construction	Generator Sets	1	8.00	84	0.74
Phase One:Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase One:Building Construction	Welders	1	8.00	46	0.45
Phase Two: Paving	Pavers	2	8.00	125	0.42
Phase Two: Paving	Paving Equipment	2	8.00	130	0.36
Phase Two: Paving	Rollers	2	8.00	80	0.38
Phase Two: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase One:Paving	Pavers	2	8.00	125	0.42
Phase One:Paving	Paving Equipment	2	8.00	130	0.36
Phase One:Paving	Rollers	2	8.00	80	0.38
Phase Three: Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Three: Demolition	Excavators	3	8.00	162	0.38
Phase Three: Demolition	Rubber Tired Dozers	2	8.00	255	0.40

Phase Three: Grading	Excavators	2	8.00	162	0.38
Phase Three: Grading	Graders	1	8.00	174	0.41
Phase Three: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Three: Grading	Scrapers	2	8.00	361	0.48
Phase Three: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Three: Construction	Cranes	1	7.00	226	0.29
Phase Three: Construction	Forklifts	3	8.00	89	0.20
Phase Three: Construction	Generator Sets	1	8.00	84	0.74
Phase Three: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Three: Construction	Welders	1	8.00	46	0.45
Phase Four:Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase Four:Demolition	Excavators	3	8.00	162	0.38
Phase Four:Demolition	Rubber Tired Dozers	2	8.00	255	0.40
Phase Four: Grading	Excavators	2	8.00	162	0.38
Phase Four: Grading	Graders	1	8.00	174	0.41
Phase Four: Grading	Rubber Tired Dozers	1	8.00	255	0.40
Phase Four: Grading	Scrapers	2	8.00	361	0.48
Phase Four: Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase Four: Construction	Cranes	1	7.00	226	0.29
Phase Four: Construction	Forklifts	3	8.00	89	0.20
Phase Four: Construction	Generator Sets	1	8.00	84	0.74
Phase Four: Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Phase Four: Construction	Welders	1	8.00	46	0.45
Phase Four: Architectural Coating	Air Compressors	1	6.00	78	0.48
Phase Four: Paving	Pavers	2	8.00	125	0.42
Phase Four: Paving	Paving Equipment	2	8.00	130	0.36
Phase Four: Paving	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Phase One:Demolition	6	15.00	0.00	1,892.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One: Grading	8	20.00	0.00	22,500.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Building Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Two: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Architectural Coa	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase One:Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Demolition	6	15.00	0.00	628.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Grading	8	20.00	0.00	8,525.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Three: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four:Demolition	6	15.00	0.00	1,287.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Grading	8	20.00	0.00	25,000.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Construction	9	1,143.00	354.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Architectural Coating	1	229.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase Four: Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

3.2 Phase One:Demolition - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7615	0.0000	4.7615	0.7209	0.0000	0.7209			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365		4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**4.7615**	**2.2921**	**7.0537**	**0.7209**	**2.1365**	**2.8575**		**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3976	6.2495	4.8898	0.0162	0.3833	0.0960	0.4793	0.1050	0.0883	0.1932		1,631.0464	1,631.0464	0.0118		1,631.2936
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.4616**	**6.3355**	**5.7881**	**0.0182**	**0.5510**	**0.0974**	**0.6484**	**0.1494**	**0.0896**	**0.2390**		**1,798.4037**	**1,798.4037**	**0.0209**		**1,798.8432**

3.2 Phase One:Demolition - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1427	0.0000	2.1427	0.3244	0.0000	0.3244			0.0000			0.0000
Off-Road	4.2876	45.6559	35.0303	0.0399		2.2921	2.2921		2.1365	2.1365	0.0000	4,089.2841	4,089.2841	1.1121		4,112.6374
Total	**4.2876**	**45.6559**	**35.0303**	**0.0399**	**2.1427**	**2.2921**	**4.4348**	**0.3244**	**2.1365**	**2.4610**	**0.0000**	**4,089.2841**	**4,089.2841**	**1.1121**		**4,112.6374**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3976	6.2495	4.8898	0.0162	0.3833	0.0960	0.4793	0.1050	0.0883	0.1932		1,631.0464	1,631.0464	0.0118		1,631.2936
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0640	0.0860	0.8984	1.9900e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		167.3573	167.3573	9.1500e-003		167.5495
Total	**0.4616**	**6.3355**	**5.7881**	**0.0182**	**0.5510**	**0.0974**	**0.6484**	**0.1494**	**0.0896**	**0.2390**		**1,798.4037**	**1,798.4037**	**0.0209**		**1,798.8432**

3.3 Phase One: Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**6.1095**	**3.5842**	**9.6937**	**3.3228**	**3.2975**	**6.6203**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4317	22.5054	17.6088	0.0583	1.6913	0.3456	2.0369	0.4543	0.3179	0.7722		5,873.6466	5,873.6466	0.0424		5,874.5369
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**1.5170**	**22.6200**	**18.8066**	**0.0610**	**1.9149**	**0.3474**	**2.2623**	**0.5136**	**0.3196**	**0.8332**		**6,096.7896**	**6,096.7896**	**0.0546**		**6,097.9363**

3.3 Phase One: Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**2.7493**	**3.5842**	**6.3335**	**1.4953**	**3.2975**	**4.7928**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.4317	22.5054	17.6088	0.0583	1.6913	0.3456	2.0369	0.4543	0.3179	0.7722		5,873.6466	5,873.6466	0.0424		5,874.5369
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.1147	1.1978	2.6500e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		223.1431	223.1431	0.0122		223.3994
Total	**1.5170**	**22.6200**	**18.8066**	**0.0610**	**1.9149**	**0.3474**	**2.2623**	**0.5136**	**0.3196**	**0.8332**		**6,096.7896**	**6,096.7896**	**0.0546**		**6,097.9363**

3.3 Phase One: Grading - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1095	0.0000	6.1095	3.3228	0.0000	3.3228			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**6.1095**	**3.3172**	**9.4266**	**3.3228**	**3.0518**	**6.3746**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3474	20.6264	16.9960	0.0582	4.9098	0.3158	5.2255	1.2443	0.2905	1.5348		5,777.2137	5,777.2137	0.0415		5,778.0859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.1035	1.0796	2.6500e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		214.5722	214.5722	0.0113		214.8087
Total	**1.4239**	**20.7299**	**18.0756**	**0.0609**	**5.1333**	**0.3176**	**5.4509**	**1.3036**	**0.2921**	**1.5958**		**5,991.7859**	**5,991.7859**	**0.0528**		**5,992.8946**

3.3 Phase One: Grading - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7493	0.0000	2.7493	1.4953	0.0000	1.4953			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518	0.0000	6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**2.7493**	**3.3172**	**6.0664**	**1.4953**	**3.0518**	**4.5471**	**0.0000**	**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3474	20.6264	16.9960	0.0582	4.9098	0.3158	5.2255	1.2443	0.2905	1.5348		5,777.2137	5,777.2137	0.0415		5,778.0859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0765	0.1035	1.0796	2.6500e-003	0.2236	1.8000e-003	0.2254	0.0593	1.6600e-003	0.0610		214.5722	214.5722	0.0113		214.8087
Total	**1.4239**	**20.7299**	**18.0756**	**0.0609**	**5.1333**	**0.3176**	**5.4509**	**1.3036**	**0.2921**	**1.5958**		**5,991.7859**	**5,991.7859**	**0.0528**		**5,992.8946**

3.4 Phase One:Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.2313	31.3458	42.3245	0.0764	2.2124	0.5086	2.7210	0.6301	0.4677	1.0978		7,653.4946	7,653.4946	0.0567		7,654.6859
Worker	4.8753	6.5528	68.4557	0.1517	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		12,752.6253	12,752.6253	0.6976		12,767.2738
Total	**8.1066**	**37.8985**	**110.7802**	**0.2282**	**14.9885**	**0.6153**	**15.6038**	**4.0183**	**0.5658**	**4.5842**		**20,406.1199**	**20,406.1199**	**0.7543**		**20,421.9598**

3.4 Phase One:Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.2313	31.3458	42.3245	0.0764	2.2124	0.5086	2.7210	0.6301	0.4677	1.0978		7,653.4946	7,653.4946	0.0567		7,654.6859
Worker	4.8753	6.5528	68.4557	0.1517	12.7760	0.1068	12.8828	3.3883	0.0982	3.4864		12,752.6253	12,752.6253	0.6976		12,767.2738
Total	**8.1066**	**37.8985**	**110.7802**	**0.2282**	**14.9885**	**0.6153**	**15.6038**	**4.0183**	**0.5658**	**4.5842**		**20,406.1199**	**20,406.1199**	**0.7543**		**20,421.9598**

3.4 Phase One:Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9506	28.5049	40.1784	0.0764	2.2131	0.4534	2.6665	0.6304	0.4170	1.0473		7,529.3734	7,529.3734	0.0549		7,530.5264
Worker	4.3711	5.9145	61.6991	0.1516	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		12,262.7995	12,262.7995	0.6437		12,276.3161
Total	**7.3218**	**34.4194**	**101.8775**	**0.2280**	**14.9892**	**0.5561**	**15.5453**	**4.0186**	**0.5117**	**4.5303**		**19,792.1728**	**19,792.1728**	**0.6986**		**19,806.8426**

3.4 Phase One:Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.9506	28.5049	40.1784	0.0764	2.2131	0.4534	2.6665	0.6304	0.4170	1.0473		7,529.3734	7,529.3734	0.0549		7,530.5264
Worker	4.3711	5.9145	61.6991	0.1516	12.7760	0.1027	12.8788	3.3883	0.0948	3.4830		12,262.7995	12,262.7995	0.6437		12,276.3161
Total	**7.3218**	**34.4194**	**101.8775**	**0.2280**	**14.9892**	**0.5561**	**15.5453**	**4.0186**	**0.5117**	**4.5303**		**19,792.1728**	**19,792.1728**	**0.6986**		**19,806.8426**

3.4 Phase One:Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7576	26.1476	38.5536	0.0762	2.2132	0.4272	2.6404	0.6304	0.3929	1.0233		7,402.8932	7,402.8932	0.0546		7,404.0400
Worker	3.9309	5.3636	55.8281	0.1515	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		11,804.9092	11,804.9092	0.5974		11,817.4538
Total	**6.6885**	**31.5112**	**94.3816**	**0.2278**	**14.9892**	**0.5272**	**15.5164**	**4.0186**	**0.4855**	**4.5041**		**19,207.8024**	**19,207.8024**	**0.6520**		**19,221.4937**

3.4 Phase One:Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7576	26.1476	38.5536	0.0762	2.2132	0.4272	2.6404	0.6304	0.3929	1.0233		7,402.8932	7,402.8932	0.0546		7,404.0400
Worker	3.9309	5.3636	55.8281	0.1515	12.7760	0.1000	12.8760	3.3883	0.0925	3.4808		11,804.9092	11,804.9092	0.5974		11,817.4538
Total	**6.6885**	**31.5112**	**94.3816**	**0.2278**	**14.9892**	**0.5272**	**15.5164**	**4.0186**	**0.4855**	**4.5041**		**19,207.8024**	**19,207.8024**	**0.6520**		**19,221.4937**

3.4 Phase One:Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.4 Phase One:Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.5 Phase Two: Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.5 Phase Two: Paving - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0574	0.0776	0.8097	1.9900e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		160.9291	160.9291	8.4500e-003		161.1065
Total	**0.0574**	**0.0776**	**0.8097**	**1.9900e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**160.9291**	**160.9291**	**8.4500e-003**		**161.1065**

3.6 Phase Two: Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.2359					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**23.5682**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8758	1.1850	12.3614	0.0304	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,456.8513	2,456.8513	0.1290		2,459.5594
Total	**0.8758**	**1.1850**	**12.3614**	**0.0304**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,456.8513**	**2,456.8513**	**0.1290**		**2,459.5594**

3.6 Phase Two: Architectural Coating - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.2359					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**23.5682**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.8758	1.1850	12.3614	0.0304	2.5597	0.0206	2.5803	0.6788	0.0190	0.6978		2,456.8513	2,456.8513	0.1290		2,459.5594
Total	**0.8758**	**1.1850**	**12.3614**	**0.0304**	**2.5597**	**0.0206**	**2.5803**	**0.6788**	**0.0190**	**0.6978**		**2,456.8513**	**2,456.8513**	**0.1290**		**2,459.5594**

3.7 Phase One:Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**33.2811**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7876	1.0746	11.1852	0.0304	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,365.1131	2,365.1131	0.1197		2,367.6264
Total	**0.7876**	**1.0746**	**11.1852**	**0.0304**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,365.1131**	**2,365.1131**	**0.1197**		**2,367.6264**

3.7 Phase One:Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**33.2811**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7876	1.0746	11.1852	0.0304	2.5597	0.0200	2.5797	0.6788	0.0185	0.6974		2,365.1131	2,365.1131	0.1197		2,367.6264
Total	**0.7876**	**1.0746**	**11.1852**	**0.0304**	**2.5597**	**0.0200**	**2.5797**	**0.6788**	**0.0185**	**0.6974**		**2,365.1131**	**2,365.1131**	**0.1197**		**2,367.6264**

3.7 Phase One:Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**33.2489**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7242	0.9854	10.2515	0.0303	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,275.0788	2,275.0788	0.1120		2,277.4314
Total	**0.7242**	**0.9854**	**10.2515**	**0.0303**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,275.0788**	**2,275.0788**	**0.1120**		**2,277.4314**

3.7 Phase One:Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	32.9825					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**33.2489**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7242	0.9854	10.2515	0.0303	2.5597	0.0197	2.5794	0.6788	0.0182	0.6971		2,275.0788	2,275.0788	0.1120		2,277.4314
Total	**0.7242**	**0.9854**	**10.2515**	**0.0303**	**2.5597**	**0.0197**	**2.5794**	**0.6788**	**0.0182**	**0.6971**		**2,275.0788**	**2,275.0788**	**0.1120**		**2,277.4314**

3.8 Phase One:Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0516	0.0704	0.7327	1.9900e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		154.9201	154.9201	7.8400e-003		155.0847
Total	**0.0516**	**0.0704**	**0.7327**	**1.9900e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**154.9201**	**154.9201**	**7.8400e-003**		**155.0847**

3.8 Phase One:Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0516	0.0704	0.7327	1.9900e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		154.9201	154.9201	7.8400e-003		155.0847
Total	**0.0516**	**0.0704**	**0.7327**	**1.9900e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**154.9201**	**154.9201**	**7.8400e-003**		**155.0847**

3.8 Phase One:Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.0474**	**0.0645**	**0.6715**	**1.9800e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**149.0226**	**149.0226**	**7.3400e-003**		**149.1767**

3.8 Phase One:Paving - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.0474**	**0.0645**	**0.6715**	**1.9800e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**149.0226**	**149.0226**	**7.3400e-003**		**149.1767**

3.9 Phase Three: Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2349	0.0000	1.2349	0.1870	0.0000	0.1870			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316		3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**1.2349**	**1.6448**	**2.8797**	**0.1870**	**1.5316**	**1.7185**		**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0919	1.2880	1.1804	4.1800e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0482		401.4527	401.4527	3.0100e-003		401.5160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.1393**	**1.3525**	**1.8519**	**6.1600e-003**	**0.2672**	**0.0240**	**0.2912**	**0.0717**	**0.0221**	**0.0938**		**550.4753**	**550.4753**	**0.0104**		**550.6927**

3.9 Phase Three: Demolition - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5557	0.0000	0.5557	0.0841	0.0000	0.0841			0.0000			0.0000
Off-Road	3.3224	33.9413	30.8050	0.0399		1.6448	1.6448		1.5316	1.5316	0.0000	3,929.2327	3,929.2327	1.0974		3,952.2774
Total	**3.3224**	**33.9413**	**30.8050**	**0.0399**	**0.5557**	**1.6448**	**2.2005**	**0.0841**	**1.5316**	**1.6157**	**0.0000**	**3,929.2327**	**3,929.2327**	**1.0974**		**3,952.2774**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0919	1.2880	1.1804	4.1800e-003	0.0995	0.0227	0.1222	0.0273	0.0209	0.0482		401.4527	401.4527	3.0100e-003		401.5160
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0474	0.0645	0.6715	1.9800e-003	0.1677	1.2900e-003	0.1690	0.0445	1.1900e-003	0.0457		149.0226	149.0226	7.3400e-003		149.1767
Total	**0.1393**	**1.3525**	**1.8519**	**6.1600e-003**	**0.2672**	**0.0240**	**0.2912**	**0.0717**	**0.0221**	**0.0938**		**550.4753**	**550.4753**	**0.0104**		**550.6927**

3.10 Phase Three: Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1888	0.0000	6.1888	3.3333	0.0000	3.3333			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045		6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**6.1888**	**2.5049**	**8.6937**	**3.3333**	**2.3045**	**5.6378**		**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0782	29.1403	26.7055	0.0945	2.2516	0.5138	2.7654	0.6166	0.4727	1.0893		9,082.7608	9,082.7608	0.0682		9,084.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0861	0.8953	2.6500e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		198.6968	198.6968	9.7800e-003		198.9023
Total	**2.1415**	**29.2264**	**27.6008**	**0.0972**	**2.4751**	**0.5156**	**2.9907**	**0.6759**	**0.4743**	**1.1502**		**9,281.4576**	**9,281.4576**	**0.0780**		**9,283.0947**

3.10 Phase Three: Grading - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7849	0.0000	2.7849	1.5000	0.0000	1.5000			0.0000			0.0000
Off-Road	4.8912	54.1978	40.2888	0.0617		2.5049	2.5049		2.3045	2.3045	0.0000	6,111.3121	6,111.3121	1.9336		6,151.9167
Total	**4.8912**	**54.1978**	**40.2888**	**0.0617**	**2.7849**	**2.5049**	**5.2899**	**1.5000**	**2.3045**	**3.8045**	**0.0000**	**6,111.3121**	**6,111.3121**	**1.9336**		**6,151.9167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.0782	29.1403	26.7055	0.0945	2.2516	0.5138	2.7654	0.6166	0.4727	1.0893		9,082.7608	9,082.7608	0.0682		9,084.1924
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0861	0.8953	2.6500e-003	0.2236	1.7200e-003	0.2253	0.0593	1.5900e-003	0.0609		198.6968	198.6968	9.7800e-003		198.9023
Total	**2.1415**	**29.2264**	**27.6008**	**0.0972**	**2.4751**	**0.5156**	**2.9907**	**0.6759**	**0.4743**	**1.1502**		**9,281.4576**	**9,281.4576**	**0.0780**		**9,283.0947**

3.11 Phase Three: Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.11 Phase Three: Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6064	24.1004	37.2869	0.0760	2.2134	0.4052	2.6186	0.6304	0.3728	1.0032		7,258.7979	7,258.7979	0.0536		7,259.9237
Worker	3.6148	4.9183	51.1678	0.1512	12.7760	0.0982	12.8743	3.3883	0.0911	3.4793		11,355.5241	11,355.5241	0.5592		11,367.2669
Total	**6.2212**	**29.0187**	**88.4547**	**0.2272**	**14.9894**	**0.5034**	**15.4928**	**4.0187**	**0.4638**	**4.4825**		**18,614.3220**	**18,614.3220**	**0.6128**		**18,627.1907**

3.11 Phase Three: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.11 Phase Three: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.12 Phase Four:Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1429	0.0000	2.1429	0.3245	0.0000	0.3245			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865		3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**2.1429**	**1.4899**	**3.6327**	**0.3245**	**1.3865**	**1.7110**		**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1559	1.9913	2.0213	7.2400e-003	0.1726	0.0391	0.2116	0.0473	0.0359	0.0832		680.4683	680.4683	5.2300e-003		680.5781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0598	0.6246	1.9800e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		142.9673	142.9673	6.9500e-003		143.1132
Total	**0.2004**	**2.0511**	**2.6459**	**9.2200e-003**	**0.3403**	**0.0403**	**0.3806**	**0.0917**	**0.0371**	**0.1288**		**823.4356**	**823.4356**	**0.0122**		**823.6914**

3.12 Phase Four:Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.9643	0.0000	0.9643	0.1460	0.0000	0.1460			0.0000			0.0000
Off-Road	3.0964	31.0154	29.6099	0.0400		1.4899	1.4899		1.3865	1.3865	0.0000	3,857.1420	3,857.1420	1.0933		3,880.1021
Total	**3.0964**	**31.0154**	**29.6099**	**0.0400**	**0.9643**	**1.4899**	**2.4542**	**0.1460**	**1.3865**	**1.5325**	**0.0000**	**3,857.1420**	**3,857.1420**	**1.0933**		**3,880.1021**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1559	1.9913	2.0213	7.2400e-003	0.1726	0.0391	0.2116	0.0473	0.0359	0.0832		680.4683	680.4683	5.2300e-003		680.5781
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0445	0.0598	0.6246	1.9800e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		142.9673	142.9673	6.9500e-003		143.1132
Total	**0.2004**	**2.0511**	**2.6459**	**9.2200e-003**	**0.3403**	**0.0403**	**0.3806**	**0.0917**	**0.0371**	**0.1288**		**823.4356**	**823.4356**	**0.0122**		**823.6914**

3.13 Phase Four: Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1827	0.0000	6.1827	3.3340	0.0000	3.3340			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810		5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**6.1827**	**2.2619**	**8.4447**	**3.3340**	**2.0810**	**5.4149**		**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5564	32.6529	33.1448	0.1187	2.8300	0.6403	3.4703	0.7751	0.5890	1.3641		11,158.1446	11,158.1446	0.0858		11,159.9455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0797	0.8328	2.6400e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		190.6230	190.6230	9.2700e-003		190.8176
Total	**2.6157**	**32.7327**	**33.9776**	**0.1213**	**3.0536**	**0.6420**	**3.6955**	**0.8344**	**0.5906**	**1.4250**		**11,348.7676**	**11,348.7676**	**0.0950**		**11,350.7631**

3.13 Phase Four: Grading - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7822	0.0000	2.7822	1.5003	0.0000	1.5003			0.0000			0.0000
Off-Road	4.5501	49.3839	38.4257	0.0617		2.2619	2.2619		2.0810	2.0810	0.0000	5,977.7088	5,977.7088	1.9333		6,018.3084
Total	**4.5501**	**49.3839**	**38.4257**	**0.0617**	**2.7822**	**2.2619**	**5.0442**	**1.5003**	**2.0810**	**3.5813**	**0.0000**	**5,977.7088**	**5,977.7088**	**1.9333**		**6,018.3084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.5564	32.6529	33.1448	0.1187	2.8300	0.6403	3.4703	0.7751	0.5890	1.3641		11,158.1446	11,158.1446	0.0858		11,159.9455
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0593	0.0797	0.8328	2.6400e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5800e-003	0.0609		190.6230	190.6230	9.2700e-003		190.8176
Total	**2.6157**	**32.7327**	**33.9776**	**0.1213**	**3.0536**	**0.6420**	**3.6955**	**0.8344**	**0.5906**	**1.4250**		**11,348.7676**	**11,348.7676**	**0.0950**		**11,350.7631**

3.14 Phase Four: Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.14 Phase Four: Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4711	21.0238	36.2044	0.0759	2.2136	0.3707	2.5843	0.6305	0.3411	0.9716		7,095.2018	7,095.2018	0.0526		7,096.3052
Worker	3.3871	4.5574	47.5953	0.1512	12.7760	0.0976	12.8737	3.3883	0.0905	3.4788		10,894.1068	10,894.1068	0.5296		10,905.2280
Total	**5.8582**	**25.5811**	**83.7997**	**0.2270**	**14.9896**	**0.4684**	**15.4580**	**4.0188**	**0.4316**	**4.4504**		**17,989.3085**	**17,989.3085**	**0.5821**		**18,001.5333**

3.14 Phase Four: Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3842	17.8517	35.3378	0.0758	2.2136	0.3377	2.5513	0.6305	0.3107	0.9412		7,092.0130	7,092.0130	0.0530		7,093.1258
Worker	3.2044	4.2598	44.6876	0.1515	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		10,724.6567	10,724.6567	0.5069		10,735.3020
Total	**5.5886**	**22.1115**	**80.0254**	**0.2273**	**14.9896**	**0.4355**	**15.4251**	**4.0188**	**0.4014**	**4.4201**		**17,816.6696**	**17,816.6696**	**0.5599**		**17,828.4278**

3.14 Phase Four: Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3842	17.8517	35.3378	0.0758	2.2136	0.3377	2.5513	0.6305	0.3107	0.9412		7,092.0130	7,092.0130	0.0530		7,093.1258
Worker	3.2044	4.2598	44.6876	0.1515	12.7760	0.0977	12.8738	3.3883	0.0906	3.4789		10,724.6567	10,724.6567	0.5069		10,735.3020
Total	**5.5886**	**22.1115**	**80.0254**	**0.2273**	**14.9896**	**0.4355**	**15.4251**	**4.0188**	**0.4014**	**4.4201**		**17,816.6696**	**17,816.6696**	**0.5599**		**17,828.4278**

3.14 Phase Four: Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3306	16.2058	34.5106	0.0757	2.2136	0.3340	2.5476	0.6305	0.3073	0.9378		7,085.6561	7,085.6561	0.0542		7,086.7937
Worker	3.0346	3.9943	42.0012	0.1514	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		10,546.3434	10,546.3434	0.4854		10,556.5364
Total	**5.3652**	**20.2001**	**76.5118**	**0.2272**	**14.9897**	**0.4317**	**15.4213**	**4.0188**	**0.3979**	**4.4166**		**17,631.9996**	**17,631.9996**	**0.5396**		**17,643.3301**

3.14 Phase Four: Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581	0.0000	2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**	**0.0000**	**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3306	16.2058	34.5106	0.0757	2.2136	0.3340	2.5476	0.6305	0.3073	0.9378		7,085.6561	7,085.6561	0.0542		7,086.7937
Worker	3.0346	3.9943	42.0012	0.1514	12.7760	0.0977	12.8737	3.3883	0.0906	3.4788		10,546.3434	10,546.3434	0.4854		10,556.5364
Total	**5.3652**	**20.2001**	**76.5118**	**0.2272**	**14.9897**	**0.4317**	**15.4213**	**4.0188**	**0.3979**	**4.4166**		**17,631.9996**	**17,631.9996**	**0.5396**		**17,643.3301**

3.15 Phase Four: Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**54.9464**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6420	0.8535	8.9532	0.0303	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,148.6845	2,148.6845	0.1016		2,150.8173
Total	**0.6420**	**0.8535**	**8.9532**	**0.0303**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,148.6845**	**2,148.6845**	**0.1016**		**2,150.8173**

3.15 Phase Four: Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**54.9464**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6420	0.8535	8.9532	0.0303	2.5597	0.0196	2.5793	0.6788	0.0182	0.6970		2,148.6845	2,148.6845	0.1016		2,150.8173
Total	**0.6420**	**0.8535**	**8.9532**	**0.0303**	**2.5597**	**0.0196**	**2.5793**	**0.6788**	**0.0182**	**0.6970**		**2,148.6845**	**2,148.6845**	**0.1016**		**2,150.8173**

3.15 Phase Four: Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**54.9320**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6080	0.8003	8.4149	0.0303	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,112.9595	2,112.9595	0.0973		2,115.0016
Total	**0.6080**	**0.8003**	**8.4149**	**0.0303**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,112.9595**	**2,112.9595**	**0.0973**		**2,115.0016**

3.15 Phase Four: Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	54.7275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.8329
Total	**54.9320**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.8329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6080	0.8003	8.4149	0.0303	2.5597	0.0196	2.5792	0.6788	0.0182	0.6970		2,112.9595	2,112.9595	0.0973		2,115.0016
Total	**0.6080**	**0.8003**	**8.4149**	**0.0303**	**2.5597**	**0.0196**	**2.5792**	**0.6788**	**0.0182**	**0.6970**		**2,112.9595**	**2,112.9595**	**0.0973**		**2,115.0016**

3.16 Phase Four: Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131		2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**		**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0524	0.5512	1.9900e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		138.4035	138.4035	6.3700e-003		138.5372
Total	**0.0398**	**0.0524**	**0.5512**	**1.9900e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**138.4035**	**138.4035**	**6.3700e-003**		**138.5372**

3.16 Phase Four: Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0815	10.9108	14.2815	0.0223		0.5577	0.5577		0.5131	0.5131	0.0000	2,160.6869	2,160.6869	0.6988		2,175.3619
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0815**	**10.9108**	**14.2815**	**0.0223**		**0.5577**	**0.5577**		**0.5131**	**0.5131**	**0.0000**	**2,160.6869**	**2,160.6869**	**0.6988**		**2,175.3619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0398	0.0524	0.5512	1.9900e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		138.4035	138.4035	6.3700e-003		138.5372
Total	**0.0398**	**0.0524**	**0.5512**	**1.9900e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**138.4035**	**138.4035**	**6.3700e-003**		**138.5372**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Improve Destination Accessibility

Increase Transit Accessibility

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	50.4777	94.4557	436.9831	1.2065	82.5116	1.6864	84.1981	22.0501	1.5561	23.6061		91,417.4587	91,417.4587	3.2050		91,484.7640
Unmitigated	55.6061	130.6070	560.5235	1.7930	124.5608	2.4492	127.0100	33.2871	2.2594	35.5465		135,888.6828	135,888.6828	4.6334		135,985.9836

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	110.95	110.95	110.95	319,263	209,450
Condo/Townhouse High Rise	1,117.20	1,360.40	1153.30	3,953,986	2,737,393
Condo/Townhouse High Rise	3,239.88	3,945.16	3344.57	11,466,561	7,938,439
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Government (Civic Center)	5,820.08	0.00	0.00	12,837,976	8,280,614
High Turnover (Sit Down Restaurant)	966.34	1,203.61	1001.98	1,370,092	903,191
Hotel	1,552.30	1,556.10	1130.50	3,561,565	2,342,143
Library	3,357.03	4,068.47	2227.83	8,324,778	5,372,919
Regional Shopping Center	3,076.18	1,519.09	767.30	5,458,791	3,592,075
Total	19,239.96	13,763.78	9,736.43	47,293,012	31,376,223

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Condo/Townhouse High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Government (Civic Center)	16.60	8.40	6.90	75.00	20.00	5.00	50	34	16
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.504606	0.059848	0.182048	0.140509	0.043346	0.006835	0.016277	0.034901	0.001966	0.002503	0.004308	0.000568	0.002288

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6704	5.9494	4.0581	0.0366		0.4632	0.4632		0.4632	0.4632		7,312.9259	7,312.9259	0.1402	0.1341	7,357.4312
NaturalGas Unmitigated	0.7984	7.0863	4.8354	0.0436		0.5516	0.5516		0.5516	0.5516		8,709.9689	8,709.9689	0.1669	0.1597	8,762.9764

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	21747.2	0.2345	2.0042	0.8528	0.0128		0.1620	0.1620		0.1620	0.1620		2,558.4924	2,558.4924	0.0490	0.0469	2,574.0629
Condo/Townhouse High Rise	7499.03	0.0809	0.6911	0.2941	4.4100e-003		0.0559	0.0559		0.0559	0.0559		882.2387	882.2387	0.0169	0.0162	887.6079
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	16380.1	0.1767	1.6059	1.3490	9.6400e-003		0.1221	0.1221		0.1221	0.1221		1,927.0726	1,927.0726	0.0369	0.0353	1,938.8005
High Turnover (Sit Down Restaurant)	4851.72	0.0523	0.4757	0.3996	2.8500e-003		0.0362	0.0362		0.0362	0.0362		570.7900	570.7900	0.0109	0.0105	574.2637
Hotel	18911	0.2039	1.8540	1.5574	0.0111		0.1409	0.1409		0.1409	0.1409		2,224.8244	2,224.8244	0.0426	0.0408	2,238.3643
Library	4504.09	0.0486	0.4416	0.3709	2.6500e-003		0.0336	0.0336		0.0336	0.0336		529.8933	529.8933	0.0102	9.7100e-003	533.1182
Regional Shopping Center	141.589	1.5300e-003	0.0139	0.0117	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003		16.6575	16.6575	3.2000e-004	3.1000e-004	16.7589
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.7984**	**7.0863**	**4.8354**	**0.0435**		**0.5516**	**0.5516**		**0.5516**	**0.5516**		**8,709.9689**	**8,709.9689**	**0.1670**	**0.1597**	**8,762.9764**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse High Rise	18.2887	0.1972	1.6854	0.7172	0.0108		0.1363	0.1363		0.1363	0.1363		2,151.6126	2,151.6126	0.0412	0.0395	2,164.7070
Condo/Townhouse High Rise	6.30645	0.0680	0.5812	0.2473	3.7100e-003		0.0470	0.0470		0.0470	0.0470		741.9354	741.9354	0.0142	0.0136	746.4507
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Government (Civic Center)	13.221	0.1426	1.2962	1.0888	7.7800e-003		0.0985	0.0985		0.0985	0.0985		1,555.4103	1,555.4103	0.0298	0.0285	1,564.8763
High Turnover (Sit Down Restaurant)	4.66336	0.0503	0.4572	0.3840	2.7400e-003		0.0348	0.0348		0.0348	0.0348		548.6306	548.6306	0.0105	0.0101	551.9695
Hotel	15.7425	0.1698	1.5434	1.2964	9.2600e-003		0.1173	0.1173		0.1173	0.1173		1,852.0640	1,852.0640	0.0355	0.0340	1,863.3354
Library	3.81639	0.0412	0.3742	0.3143	2.2400e-003		0.0284	0.0284		0.0284	0.0284		448.9867	448.9867	8.6100e-003	8.2300e-003	451.7192
Regional Shopping Center	0.121433	1.3100e-003	0.0119	0.0100	7.0000e-005		9.0000e-004	9.0000e-004		9.0000e-004	9.0000e-004		14.2863	14.2863	2.7000e-004	2.6000e-004	14.3732
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.6704**	**5.9494**	**4.0581**	**0.0366**		**0.4632**	**0.4632**		**0.4632**	**0.4632**		**7,312.9259**	**7,312.9259**	**0.1402**	**0.1341**	**7,357.4312**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	54.7687	0.6363	54.1519	2.6800e-003		0.2946	0.2946		0.2946	0.2946	0.0000	93.9478	93.9478	0.0826	0.0000	95.6829
Unmitigated	62.4034	0.7116	61.5781	3.2500e-003		0.3381	0.3381		0.3381	0.3381	0.0000	110.5915	110.5915	0.1087	0.0000	112.8745

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	10.6027					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	49.9102					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8905	0.7116	61.5781	3.2500e-003		0.3381	0.3381		0.3381	0.3381		110.5915	110.5915	0.1087		112.8745
Total	**62.4034**	**0.7116**	**61.5781**	**3.2500e-003**		**0.3381**	**0.3381**		**0.3381**	**0.3381**	**0.0000**	**110.5915**	**110.5915**	**0.1087**	**0.0000**	**112.8745**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.4149					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	49.9102					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4436	0.6363	54.1519	2.6800e-003		0.2946	0.2946		0.2946	0.2946		93.9478	93.9478	0.0826		95.6829
Total	**54.7687**	**0.6363**	**54.1519**	**2.6800e-003**		**0.2946**	**0.2946**		**0.2946**	**0.2946**	**0.0000**	**93.9478**	**93.9478**	**0.0826**	**0.0000**	**95.6829**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Greenhouse Gas Emission Worksheet

N20 Mobile Emissions Long Beach Civic Center Project - Existing

From URBEMIS 2007 Vehicle Fleet Mix Output:

Annual VMT: 14,261,076

Vehicle Type	Percent Type	CH4 Emission Factor (g/mile)*	CH4 Emission (g/mile)**	N2O Emission Factor (g/mile)*	N2O Emission (g/mile)**
Light Auto	46.0%	0.04	0.0184	0.04	0.0184
Light Truck < 3750 lbs	10.3%	0.05	0.00515	0.06	0.00618
Light Truck 3751-5750 lbs	23.2%	0.05	0.0116	0.06	0.01392
Med Truck 5751-8500 lbs	12.2%	0.12	0.01464	0.2	0.0244
Lite-Heavy Truck 8501-10,000 lbs	2.1%	0.12	0.00252	0.2	0.0042
Lite-Heavy Truck 10,001-14,000 lbs	0.5%	0.09	0.00045	0.125	0.000625
Med-Heavy Truck 14,001-33,000 lbs	1.0%	0.06	0.0006	0.05	0.0005
Heavy-Heavy Truck 33,001-60,000 lbs	2.9%	0.06	0.00174	0.05	0.00145
Other Bus	0.1%	0.06	0.00006	0.05	0.00005
Urban Bus	0.1%	0.06	0.00006	0.05	0.00005
Motorcycle	1.1%	0.09	0.00099	0.01	0.00011
School Bus	0.1%	0.06	0.00006	0.05	0.00005
Motor Home	0.4%	0.09	0.00036	0.125	0.0005
Total	**100.0%**		**0.05663**		**0.070435**

Total Emissions (metric tons) =
Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO2e) Units based on Global Warming Potential (GWP)

CH4	21	GWP
N2O	310	GWP
1 ton (short, US) =	0.90718474	metric ton

Annual Mobile Emissions:

	Total Emissions		Total CO2e units	
N20 Emissions:	1.0045	metric tons N2O	**311.39**	metric tons CO2e
		Project Total:	***311.39***	***metric tons CO2e***

References

* from Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).
in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
Assume Model year 2000-present, gasoline fueled.

** Source: California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.

*** From URBEMIS 2007 results for mobile sources

Greenhouse Gas Emission Worksheet

N20 Mobile Emissions Long Beach Civic Center Project

From URBEMIS 2007 Vehicle Fleet Mix Output:

Annual VMT: 33,016,588

Vehicle Type	Percent Type	CH4 Emission Factor (g/mile)*	CH4 Emission (g/mile)**	N2O Emission Factor (g/mile)*	N2O Emission (g/mile)**
Light Auto	46.0%	0.04	0.0184	0.04	0.0184
Light Truck < 3750 lbs	10.3%	0.05	0.00515	0.06	0.00618
Light Truck 3751-5750 lbs	23.2%	0.05	0.0116	0.06	0.01392
Med Truck 5751-8500 lbs	12.2%	0.12	0.01464	0.2	0.0244
Lite-Heavy Truck 8501-10,000 lbs	2.1%	0.12	0.00252	0.2	0.0042
Lite-Heavy Truck 10,001-14,000 lbs	0.5%	0.09	0.00045	0.125	0.000625
Med-Heavy Truck 14,001-33,000 lbs	1.0%	0.06	0.0006	0.05	0.0005
Heavy-Heavy Truck 33,001-60,000 lbs	2.9%	0.06	0.00174	0.05	0.00145
Other Bus	0.1%	0.06	0.00006	0.05	0.00005
Urban Bus	0.1%	0.06	0.00006	0.05	0.00005
Motorcycle	1.1%	0.09	0.00099	0.01	0.00011
School Bus	0.1%	0.06	0.00006	0.05	0.00005
Motor Home	0.4%	0.09	0.00036	0.125	0.0005
Total	**100.0%**		**0.05663**		**0.070435**

Total Emissions (metric tons) =
Emission Factor by Vehicle Mix (g/mi) x Annual VMT(mi) x 0.000001 metric tons/g

Conversion to Carbon Dioxide Equivalency (CO2e) Units based on Global Warming Potential (GWP)

CH4	21	GWP
N2O	310	GWP
1 ton (short, US) =	0.90718474	metric ton

Annual Mobile Emissions:

	Total Emissions		Total CO2e units	
N20 Emissions:	2.3255	metric tons N2O	**720.91**	metric tons CO2e
		Project Total:	***720.91***	***metric tons CO2e***

References

* from Table C.4: Methane and Nitrous Oxide Emission Factors for Mobile Sources by Vehicle and Fuel Type (g/mile).
in California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.
Assume Model year 2000-present, gasoline fueled.

** Source: California Climate Action Registry General Reporting Protocol, Reporting Entity-Wide Greenhouse Gas Emissions, Version 3.1, January 2009.

*** From URBEMIS 2007 results for mobile sources

Greenhouse Gas Emission Worksheet
Construction Emissions Marriott

Annual Mobile Emissions:

Project Total:	***544***	***metric tons CO2e***
Amortarized (30 years)	**18.12**	

References
CalEEMod Output